Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 136 AUGUST 28, 1939 Number 9

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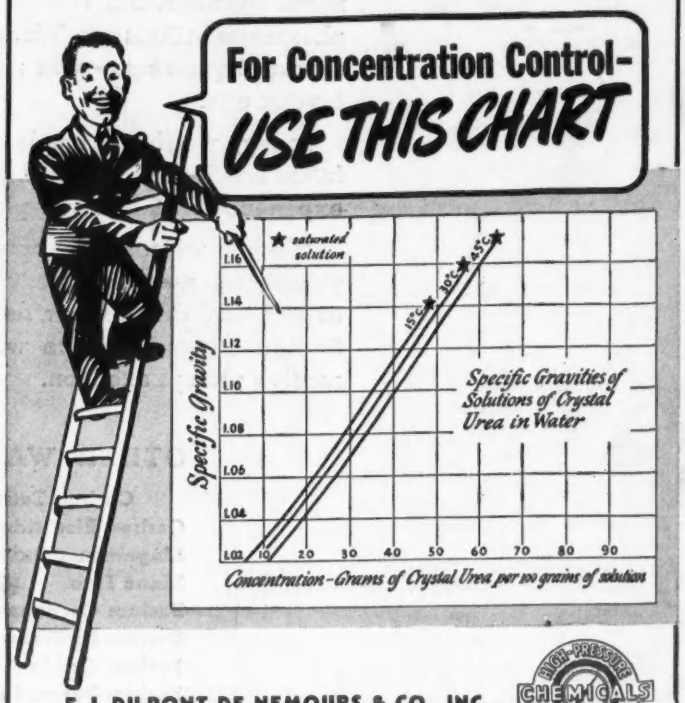

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Acetophenetidin May Be Dangerous Under Drug Law

OPD Washington Bureau
August 24, 1939

Acetophenetidin may fall into the category of dangerous drugs, along with acetanilide, if the size and frequency of its directed dosage are such as to lead the Food and Drug Administration to regard them in conflict with the safeguards aimed at by section 502 (j) of the food, drug and cosmetic act.

In the administration's report of its activities in July, issued August 21, it was stated that a seizure had been made on alleged violation of section 502 (j) of seventeen bottles of "Sodasal," which "contained acetophenetidin, a dangerous drug." This statement, it transpires, was not exactly correct. The seizure of "Sodasal" was made under section 502 (a) of the law, which holds that a drug shall be deemed to be misbranded "if its labeling is false or misleading in any particular."

The labeling of "Sodasal" was considered in violation of section 502 (a) because of statements thereon warning users to be on their guard against acetanilide and aminopyrine—referred to as "friends of the undertaker"—thus, in the views of the F.D.A. officials, creating the inference that "Sodasal" was harmless. This was regarded as constituting misbranding because it misled or disarmed consumers.

Because of the statement in the administration's report with respect to "Sodasal," officials were asked by OPD whether there had been a definite classification of acetophenetidin as a dangerous drug as defined in section 502 (j). It was explained that the official view places acetophenetidin in the same general class as acetanilide, and that products containing acetophenetidin might be held to be in violation of section 502 (j) if the dosage was considered too large or the labeling recommended too frequent dosage. It was pointed out, however, that acetophenetidin is not in the class with aminopyrine and similar drugs, which may not be sold generally to the public.

The administration has not made public any indication of its position with respect to limitations on the use or dosage of products containing acetophenetidin, since each such product will be judged on the individual content and labeling. In respect of acetanilide the administration has set up a temporary "safety zone" for products containing 2½ grains to the recommended dose and labeled to be used twice in twenty-four hours. Although no similar rule has been established for products containing acetophenetidin, the officials say that the permitted dosage of acetophenetidin might be larger than that of acetanilide, but the frequency would be the same.

Business Retardation Fight Design of New D. of C. Unit

OPD Washington Bureau
August 24, 1939

Secretary of Commerce Harry L. Hopkins has established a new division in the Department of Commerce, to be known as the Industrial Economics Division. The primary purpose of its operations will be "to bring improvement in those fields where business is being retarded."

Establishment of the new division was made possible by the supplementary appropriation voted by the last Congress. The division will be attached directly to the office of the Secretary of Commerce and will be staffed by experts in various fields of commerce and industry, some of whom already have been appointed. It will be headed by Richard V. Gilbert, public finance expert, of Harvard University.

The staff in the new division will be directly under the supervision of Secretary Hopkins, and will not be a part of the Bureau of Foreign and Domestic Commerce, although it will work closely with the various divisions in that bureau and the Bureau of the Census, and the Bureau of Standards. Longer-term research projects will be continued by the department as herotofore, and the new division will make use of their results.

The staff of the new division is being selected "to provide a group competent to deal with any problem in the field of commerce and industry as it becomes important." Those already appointed to Secretary Hopkins's staff of experts, who will be members of the new division, are, in addition to Mr. Gilbert, V. Lewis Bassie, former Federal Reserve Board economist; Robert L. Davison, head of housing research division of the J. B. Pierce Foundation; Stewart Guthrie, former civil aeronautics counsel; James Hughes, former assistant to the president of the Standard Gas Equipment Company, Baltimore; Robinson Newcomb, former Department of Com-

—Continued on page 30

Chilton Awarded Chandler Medal

Thomas H. Chilton, director of the technical division of the engineering department of E. I. duPont de Nemours & Co., Wilmington, has been awarded

Thomas H. Chilton

the Charles Frederick Chandler Medal of Columbia University. Mr. Chilton was chosen "for his outstanding achievements in the discovery and formulation of principles underlying the unit op-

—Continued on page 26

U.S.P. Supplement Adds 14 Substances

Monographs on fourteen substances not previously recognized in the United States Pharmacopeia are included in the Second U.S.P. XI Supplement, which will be on sale by the subagents of the board of trustees September 1. The new substances are the following:—

Ascorbic acid
Cyclopropane
Mandelic acid
Methylrosanilin chloride
Nicotinic acid
Natural vitamin A in oil
Natural vitamins A and D in oil
Purified cotton
Soluble pentobarbital
Sulphanilamide
Surgical gut, or catgut
Thiamine hydrochloride
Tribasic calcium phosphate
Tribasic magnesium phosphate

Two of these substances, methylrosanilin chloride and tribasic calcium phosphate, have been in the National Formulary, but the new U.S.P. standards supersede the corresponding N.F. VI standards.

The second pharmacopeial supplement includes also revisions of eighty-five U.S.P. XI monographs. The revised monograph on "Antipneumococcic Serum" recognizes types II, V, VII, and VIII for the first time; the use of animals other than horses is permitted in the preparation of tetanus antitoxin; and the alum-precipitated form of diphtheria toxoid is officially recognized. A new bio-assay method for thiamine hydrochloride (vitamin B_1) is given, also improved assays for vitamins A and D.

An important feature of the second supplement is the cumulative index which lists all U.S.P. titles and indicates where the official monograph at present in force may be found. This index emphasizes the fact that "U.S.P. XI" now comprises three volumes—the original eleventh revision of the pharmacopeia, which became official June 1, 1936; the First U.S.P. XI Supplement, official since December 1, 1937; and the second supplement, which will become official January 1, 1940, with the exception of the monographs on "Cod-liver Oil," "Nondestearinated Codliver

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Mellon Institute Names Two for Pure Research

Pittsburgh, Aug. 23, 1939

Robert Stuart Tipton and Warner Carlson have been appointed fellows in the department of research in pure chemistry of the Mellon Institute. A staff of six chemical specialists will now concentrate on the program of synthesizing and investigating new compounds of likely value in treating pneumonia. Their work will be supplemented by comprehensive medical studies by physicians at hospitals in Pittsburgh and other cities.

Mr. Tipson was born in Derbyshire, England, in 1906. He received his professional education at the University of Birmingham, England (1924-9), where he was awarded the degree of B.Sc. (first class honors) in 1927 and then engaged in research on the carbohydrates under Prof. W. N. Haworth, F.R.S., Nobel Prize Laureate, being given a Priestley research scholarship in 1927-28 and a University of Birmingham teaching scholarship in 1928-9.

—Continued on page 34

Cooperative Group Sued Under Fair Trade Act

Philadelphia, Aug. 23, 1939

The status of cooperative wholesaling under the provisions of the Pennsylvania fair trade act is asked in a suit in equity, filed in Common Pleas Court, by the Welch Grape Juice Company, Westfield, N. Y., against the Frankford Grocery Company, owned by 2,150 grocers in Philadelphia and vicinity.

The Welch company contends that the Frankford Grocery has been purchasing from it as a wholesaler and has been distributing the Welch products at the identical purchase rates. These rates, the Welch company complains, were set up under the provisions of the Pennsylvania fair trade act which permit manufacturers to set minimum prices for the sale of their products at wholesale and retail. The Welch company had established a 10-cent margin as the minimum spread for wholesaler and jobbers reselling to retail outlets in this area.

In view of the setup of the Frankford

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Cosmetic Names, Claims Listed as Misleading

OPD Washington Bureau
August 22, 1939

A list of some thirty types of cosmetic names and claims which are officially considered to be false and misleading under the food, drug, and cosmetic act has been prepared by W. G. Campbell, chief of the Food and Drug Administration. Mr. Campbell says that such names and claims should be changed in order that the provisions of the law may be met. Many of the names and claims on the F.D.A. list have been attacked by the Federal Trade Commission, particularly under the Wheeler-Lea act.

In his statement Mr. Campbell said that a survey conducted by the administration indicated the probability that a substantial portion of the cosmetic industry has not as yet realized that certain names and statements long used in cosmetic labeling, may be violations of the food, drug, and cosmetic law. He added that a number of preparations appear to be misbranded since they are represented as containing ingredients not present, or present in such small quantities as to be insignificant. H-

—Continued on page 58

Drug Law Color Comment Meager

OPD Washington Bureau
August 22, 1939

Comment of the coaltar color and cosmetic industries on the suggested revisions of the relevant regulations under the food, drug, and cosmetic act is slow in reaching the Food and Drug Administration in response to the letter sent out by W. G. Campbell, chief of that body. The few letters which the administration has received do not give a definite indication of the attitude of the industries toward the proposals.

Frank S. Hassell, who presided at the recent second hearing on color regulations, in his report and findings filed last week, suggests no substantial changes with respect to the proposed additional colors. But his recommendations do not include a proposed finding that a state of emergency exists, and, therefore, the colors should be placed on the certification list immediately after promulgation rather than waiting the normal ninety days. In spite of this it is expected that the Secretary of Agriculture will make such a finding of emergency at the time of his formal promulgation of the list.

Dr. Dan Dahle, head of the F.D.A. cosmetic unit, has worked out a plan whereby industrial chemists will collaborate with official chemists in establishing a complete set of analytical methods for each coaltar color on the certification list. The program is entirely voluntary, but it is reported that almost every major coaltar manufacturer and a dozen cosmetic makers have announced that their chemists will aid in the work.

Dr. Dahle plans to distribute among his collaborators in the industries a detailed analytical method for each color. The industrial chemists will check these methods and report their results, picking as many flaws in the methods as possible. It is further planned that after satisfactory methods have been developed, the results will be published.

Methods for the first five colors on the list have been mailed to the collaborators, and it is expected that the work will take more than a year before all can be tested. General analytical methods for all colors were distributed by Dr. Dahle several months ago.

Closing Market Developments

Cottonseed Oil Easier

Refined cottonseed oil futures were easier on Friday on renewed liquidation for local and outside account. Closing prices, however, were about 20 points above the final quotations of the previous week, December ending at 5.85c., and March, 6.02c.

Dried Blood, Tankage Advanced

Dried blood was boosted 25c. per unit-ton late last week to a new level of $2.75, f.o.b. New York. Stocks were cleaned out and that price was quoted for September delivery. High-grade blood in Chicago was also sharply increased to $2.70 per unit, a 35c. advance. Midwestern feeding tankage was another strong item with a price advance of 25c. to a level of $3.25 and 10c. per unit-ton, f.o.b. Chicago.

Tin Salts Unchanged

Despite the unsettlement in the Straits metal market, prices for various tin derivatives were unchanged. The decline in sterling price brought the Straits metal down to 47¼c., but the heavy demand and later firming in sterling advanced the quotation to 48⅞c. per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Casein:—Sweden has imposed an import tax of 0.10 crown per net kilo on casein.

Coal Distillates:—The French import duty on hydrogenated derivatives of coal distillates, pure or mixed, has been increased from 100 francs to 400 francs per hectoliter.

Dyes:—The French quota restrictions on the importation of coaltar dyes have been extended to include various coaltar dye materials and intermediates classified under twenty-one items or sub-items of the French customs tariff.

Gasoline:—Egypt has increased the excise tax on gasoline to 1,100 milliemes per 100 kilos and on kerosene to 105 milliemes per 100 kilos.

Petroleum:—The importation into Belgium of crude petroleum, derivatives, residues and their substitutes in quantities exceeding 200 kilos is subject to license.

Phenol:—Subject to special permit, Poland has exempted from import duty phenol, toluol and xylol.

Oil States Parley On Shutdown Today

Austin, Tex., Aug. 28, 1939

Representatives of oil producing States were scheduled to meet here today to determine if the shutdown of wells should be extended. Ernest O. Thompson, chairman of the Interstate Compact Commission, called the meeting on behalf of the Texas Railroad Commission, of which he is a member. The six-State shutdown, instituted to combat a drastic slash in the posted prices for Midcontinent crude oil, caused two companies to rescind their reductions in North and West Texas last week.

The shutdown States won another victory when Michigan ordered heavy curtailment of crude output. Illinois, however refused to co-operate and Lieutenant Governor John Stelle denounced "the apparent attempt to

—Continued on page 50

Oil Companies Cited For Unfair Trade in Wyo.

Cheyenne, Wyo., Aug. 23, 1939

Four major oil companies were today ordered to appear before State Attorney General Edwin Kerr on September 12 to show cause why their charters should not be forfeited for asserted violation of the State's unfair competition act.

The attorney-general directed the Continental Oil Company, the Texas Company, the Sinclair Refining Company and the Standard Oil Company of Indiana to answer charges that they had entered into agreements and combinations to prevent competition and to control and influence prices for gasoline in Wyoming.

Chemical Price Position Uncertain

There was evidence of more price strengthening last week in the markets for heavy and fine chemicals, but world conditions injected a measure of uncertainty, even though an eventual uplifting effect was generally looked for. Corn derivatives were further advanced; silver chemicals also were higher, as was turpentine. The reductions were few and scattered.

The uncertainty of world events cramped the volume of business somewhat. Importers showed more interest than did consumers in future supplies of foreign materials. Buying was restricted to narrower needs.

Prices were advanced on cornstarch, tanner's corn sugar, corn dextrin, corn syrup, silver, cyanide of silver, nitrate of silver, gum turpentine, domestic and Argentine casein, domestic dried blood, feeding tankage, and cocoa butter.

Prices were reduced on quicksilver vermilion, gum rosin, sulphonated tallow oil, menhaden scrap, and imported nitrogenous fertilizer stuff.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 125.3 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.7, compared with 89.1 at this time last year and 90.0 in 1937.

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F.W.D.A. Convention Train Arranged

Arrangements have been completed for an official Federal Wholesale Druggists Association convention train for attendants from the East, to leave the Pennsylvania station, this city, at 6:30 p.m., E.S.T., September 19, and to arrive at Hot Springs, Va., the following day at 8:05 a.m., in time for the first-day sessions. The meeting will be held September 20 to 22.

Reservations may be made and additional information concerning the train got from the chairman of the transportation committee of the association, Robert B. Magnus, of Magnus, Mabee & Reynard, Inc., 16 Desbrosses Street, this city; telephone, WAlker 5-1112, extension 14.

The only other area from which arrangements for group transportation perhaps will be made is Chicago. This is dependent on the number of reservations received. It has been recommended that conventioners from the Chicago area or those journeying via Chicago make reservations from that city with H. C. Carson, assistant general passenger representative of the Big Four Railroad, Chicago, who will arrange special accommodations should the number of reservations justify them.

Chilean Nitrate Names J. Albert Woods President

J. Albert Woods, formerly first vice president, was elected president of the Chilean Nitrate Sales Corporation, this city, succeeding Kenneth H. Rockey

Blank & Stoller

J. Albert Woods

who has replaced Gustavo Ross, former minister of finance of Chile, as chairman of the board of directors. George E. Petitt has been elected first vice president.

Mr. Woods was born in Tennessee and graduated from the University of the South in 1918. Following two years service with the marines in the World War, he went with the Armour Fertilizer Works, Atlanta. He was vice president and director of sales when he left in 1934 to become vice president and director of the Chilean company.

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E.G. Acheson Medal Awarded to F.C. Frary

The Edward Goodrich Acheson Medal will be presented to Dr. Francis Cowles Frary, of Oakmont, Pa., in recognition of his outstanding accomplishments in electrometallurgy during the seventy-sixth Fall meeting of the Electrochemical Society, to be held in the Hotel Commodore, this city, September 11-13.

The opening scientific-technical session Monday morning on "Recent Progress in Electro Analysis," will consist of eight papers, among which will be "A New Cathode Process for the Production of Hydrogen Peroxide," by E. Berl, of the Carnegie Institute of Technology, Pittsburgh. The symposium Tuesday will be on "Influence of Cathode Reactions on Corrosion," in which fifteen papers will come up for discussion, including "The Formation of Hydrogen Peroxide During Corrosion Reactions." In the symposium on Wednesday devoted to papers on electrodeposition, Leo Lowenstein, of Berlin-Wimesdorf, Germany, will discuss "Electrolytic Preparation of Soda Arsenate."

Alcohol Trucking Rules Modification Asked

OPD Washington Bureau
August 23, 1939

Revision of Treasury Department regulations for the issuance of permits for transporting specially denatured and other taxfree alcohols, so that motor carriers may be placed on an equal footing with other carriers, is asked in a letter from the American Trucking Association to Secretary Henry Morganthau.

Under existing regulations motor carriers asking permits must post a $500 bond for each vehicle used in such transportation. In addition, when such a permit has been issued, they must carry a "duly verified copy" of the basic permit on each such vehicle.

The railroads, water carriers, and express companies are given exemption from such rules. The letter to Mr. Morgenthau, signed by J. Ninian Beall, general counsel for the American Trucking Association, asks similar exemption for trucking companies subject to the jurisdiction of the Interstate Commerce Commission.

Mr. Beall says that, if the special bond and permit-posting requirements applicable to motor carriers generally

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Vitamin Status Studied Under Federal Laws

OPD Washington Bureau
August 22, 1939

Clarification of the vitamin situation under the food, drug, and cosmetic act and the Wheeler-Lea advertising-control law is the purpose of a survey, national in scope, now being planned by the Food and Drug Administration. The survey would lay special stress on fortification of foods with vitamins by any existing process.

No definite details regarding the program have been made public, but it is expected that the Secretary of Agriculture will soon issue regulations dealing with labeling of "special dietary foods," so as to comply with the provisions of section 403 (j) of the food, drug, and cosmetic act. Although the Lea bill extended the effective date of the section to January 1, the F. D. A. staff is now at work preparing a set of regulations. These are to be given the usual routine public hearing at a date to be set later.

Dr. Elmer M. Nelson, chief of the F.D.A. vitamin division, has been placed in charge of the preparation of the tentative regulations. He will be assisted by a board of experts, composed of Prof. E. B. Hart, of the department of biochemistry, University of Wisconsin, as chairman; Dr. Franklin C. Bing, of the American Medical Association,

—Continued on page 57

Drug Color Names Standardized by B.of S.

OPD Washington Bureau
August 21, 1939

The Department of Commerce today announced the development at the National Bureau of Standards of a simple system based on scientific principles which can be used to standardize color names for drugs and pharmaceuticals.

The development work was done by Kenneth L. Kelly, research associate of the American Pharmaceutical Association, under the direction of Deane B. Judd, of the Bureau of Standards colorimetry section. The color names project has been underway for the past three years.

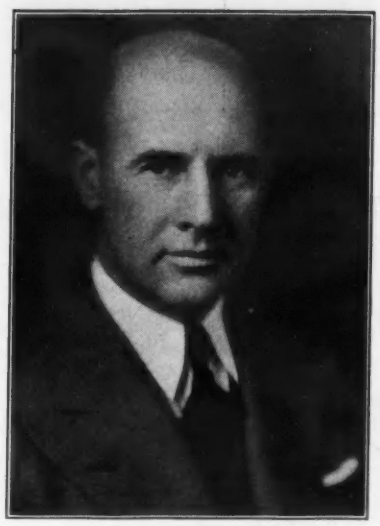
The color names developed by Mr. Kelly and Mr. Judd have been approved by the Intersociety Color Council, along with the technics for applying them to powders that are included in the United States Pharmacopeia and the National Formulary. The color names have also been approved for application to crude drugs, such as leaves, stems and fruits.

A list of accurate color names based on the new system has been recommended to the National Formulary Revision Committee for 100 powdered drugs included in the sixth edition of the National Formulary. The powdered drugs contained in the eleventh edition of the United States Pharmacopeia are now being studied with a view of applying the color name system to them. The powdered chemicals in both books are also being named according to the new system.

International Agricultural Makes Ware President

Louis Ware has been elected president of the International Agricultural Corporation, fertilizer manufacturer, this city, succeeding the late J. J. Watson. Mr. Ware will resign as president of the United Electric Coal Company, Chicago, a post he has held for four years.

Born in Somerset, Ky., Mr. Ware was graduated from the State university and began his career as a mining engineer in Midwestern coal mines. Later he spent eight years in copper mining and left the Miami Copper Company in 1926 to become associated with the Guggenheim interests.



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Louis Ware

Mr. Ware was general supervisor of mines for the Anglo-Chilean Nitrate Corporation until 1929, when he returned to this country. After a period as an independent consultant, he spent six years in the industrial department of the New York Trust Company. He later became president of the United Electric Coal. In addition to its main office in this city, the International Agricultural Company maintains branch sales offices in Atlanta, and at many other strategic points east of the Mississippi river.

Argentine Tariff Bargain Set for Hearing October 16

OPD Washington Bureau
August 23, 1939

Negotiations of a tariff bargain with Argentina, which have been in progress through more than four years of preliminary discussions, have reached the stage of declared intention. Sumner Welles, acting Secretary of State, announcing this development today, strongly intimated that the Department of State regarded a tariff bargain with Argentina of great importance, second to none other with a South American country, with the possible exception of that with Brazil.

The department has published a list of articles on which the United States was prepared to make duty concessions in a bargain with Argentina. The Committee for Reciprocity Information, Old Land Office building, Eighth and E streets, N.W., has given notice that it will receive briefs of interested parties with respect to the proposed Argentine pact until October 4. Public hearings on the agreement will be opened October 16.

In his announcement of the progress of the negotiations Mr. Welles, pointing out that during the fifteen-year period 1924 to 1938, exports from the United States to Argentina have exceeded imports from that country by $486,900,000, said:—

Our trade with Argentina has suffered in recent years for lack of a trade agreement. The trade of certain European countries with Argentina has been developing at our expense under the influence of their commercial agreements with Argentina. The placing of American commerce in Argentina on a footing of full equality with that of our European competitors was a subject which was gone into fully in preliminary discussions leading up to the present announcement.

The agreement will enable us to maintain our competitive position in a market of great present and prospective importance.

U.S. Imports Involved

Among the articles which the United States is prepared to include for concessions in a tariff bargain with Argentina are the following:—

U. S. tariff paragraph.		Duty.
19	Casein or lactarene and mixtures of which casein or lactarene is the component material of chief value, n.s.p.f.	5½c. per lb.
38	Quebracho extract	15%
42	Glycerin, crude	8/10c. per lb.
53	Linseed oil, and combinations and mixtures of chief value of such oil	4½c. per lb.
701	Tallow	½c. per lb. (plus 3c. per lb. under sec. 2491(a) I. R. code).
701	Oleo oil and oleostearin.	1c. per lb. (plus 3c. per lb. under sec. 2491(c) I. R. code).
762	Flaxseed	65c. per bu. of 56 lbs.
764	Canary seed	¾c. per lb.
1625	Blood, dried, n.s.p.f.	Free
1627	Bones, crude, steamed, or ground, bone dust, bone meal, and bone ash	Free
1670	Quebracho wood, whether crude or advanced in value or condition by shredding, grinding, chipping, crushing, or any similar process	Free
1685	Tankage of a grade used chiefly for fertilizer, or chiefly as an ingredient in the manufacture of fertilizers	Free
1780	Tankage unfit for human consumption	Free

Argentina Curtails Imports

The finance minister of Argentina announced August 21 the terms of a new license policy designed to reduce imports to a parity with Argentine exports. All imports will henceforth be

—Continued on page 50

Belgian Tariff Pact Hearings Postponed

OPD Washington Bureau
August 22. 1939

The Committee for Reciprocity Information today announced that information and views in writing concerning the negotiation of a tariff bargain with Belgium would be received by that committee up to and including September 27, and that the opening of public hearings would be deferred to October 9. This notice amends the notice of August 16, in which it was announced that information and views in writing would be received up to noon, September 16, and that the public hearings would open October 2.

This postponement of the dates for submission of briefs and for the opening of the public hearing is intended to give interested persons a longer time to prepare their statements, particularly in view of the fact that the Labor Day holidays will intervene during the time in which such statements are being prepared.

Chemical and Petroleum Corporation Incomes in 1937

OPD Washington Bureau
August 23, 1939

The Secretary of the Treasury today made public preliminary statistics of corporation income and excess-profits tax returns for 1937, filed through December 31, 1938, prepared under the direction of Commissioner of Internal Revenue Guy T. Helvering.

In general, the returns on which the figures are based are for the calendar year 1937. However, a considerable number of returns are filed for a fiscal year other than the calendar year. Such returns for a fiscal year ended in the period July, 1937, through June, 1938, are tabulated with the calendar year returns. There are also included part-year returns for which the greater part of the accounting period falls in 1937.

The corporation income and excess-profits tax returns for 1937 were filed under the provisions of the revenue act of 1936, as amended by the revenue act of 1937.

The statistics are compiled from the returns as filed and prior to revsions that may subsequently be made as a result of audit by the Bureau of Internal Revenue.

The following data are given for corporations in the chemical and related industries and the petroleum industry:—

Corporations in Chemical and Related Industries

	All corporations.	Reporting net income.	Reporting no net income.
Number of returns:—			
1937	7,188	3,107	*3,677
1936	7,175	3,305	†3,507
Gross income:—			
1937	$4,220,056,000	$3,882,702,000	$337,354,000
1936	3,924,960,000	3,649,346,000	275,614,000
Deductions, 1937	3,781,999,000	3,425,583,000	356,416,000
Net income:—			
1937	438,057,000	457,119,000	.....
1936	169,711,000	188,475,000	.....
Deficit:—			
1937	.....	.....	19,062,000
1936	.....	.....	18,764,000
Dividends received on stock of domestic corporations, 1937	81,723,000	80,960,000	763,000
Interest received on government obligations, 1937	4,127,000	3,888,000	239,000
Taxable	1,782,000	1,701,000	81,000
Tax exempt	2,345,000	2,187,000	158,000
Dividends paid, 1937:—			
Cash	346,357,000	344,829,000	1,528,000
Stock	13,673,000	13,601,000	72,000
Federal taxes:—			
Total, 1937	.....	64,144,000	.....
1936	.....	65,142,000	.....
Normal tax, 1937	.....	56,526,000	.....
Surtax on undistributed profits, 1937	.....	6,605,000	.....
Excess-profits tax, 1937	.....	1,103,000	.....

* 404 inactive corporations reported.
† 363 inactive corporations reported.

—Continued on page 26

Latin American Trade Drive Planned by D.of C.

OPD Washington Bureau
August 23, 1939

Dudley P. K. Wood has been appointed to the newly-created staff of business experts of the Department of Commerce. He has been assigned to making a study of economic conditions in the Southern republics, which study is expected to serve as a basis for a program of expanding trade activities between the United States and Latin America.

Mr. Wood, who resigned as a director of the American Machine & Foundry Company and the International Cigar Machinery Company to accept the government post, was born at Ardsley-on-Hudson, N. Y., in 1907. He was graduated from Harvard University in 1928, and returned there soon afterwards for post-graduate study.

Brazil to Develop Phosphate

The Brazilian Ministry of Agriculture has been authorized to execute preliminary operations in connection with the installation of a plant to process and extract concentrates of apatite (phosphate rock) in Ipanema, State of Sao Paulo, according to advices received at the Department of Commerce from the office of the American commercial attache, Rio de Janeiro. The budget for this work calls for an expenditure of approximately $50,000.

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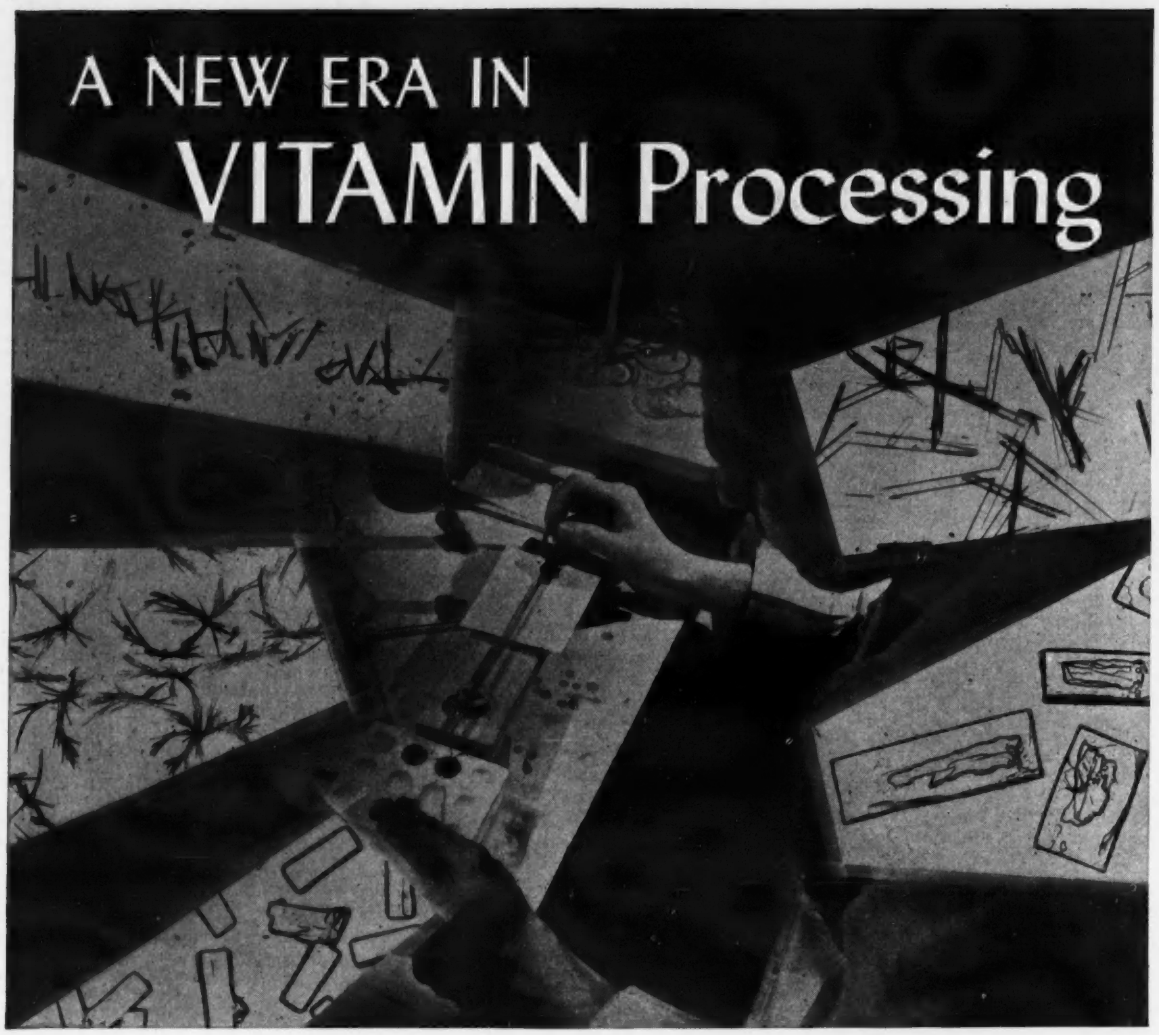

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd.	lb.	.75	1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works	lb.	.11	—
5 & 10 gls., works	lb.	.14	—
Acetamide, CP, kgs., 5,000 lbs., a year, works	lb.	.36	—
200-lb. lots, works	lb.	.38	—
100 lb. lots, works	lb.	.55	—
5 to 50-lb. lots, works	lb.	.70	—
tech., kgs., 5,000 lbs. a year, works	lb.	.28	—
200-lb. lots, works	lb.	.30	—
100-lb. lots, works	lb.	.45	—
5 to 50-lb. lots, works	lb.	.50	—
Acetanilide, tech., bbls.	lb.	.22	—
95%, bbls.	lb.	.29	—
USP, cryst., bbls., 2,000 lb. lots	lb.	.32	—
smaller lots	lb.	.33	—
dms., 25 lb. lots	lb.	.38	—
kgs., 2,000 lb. lots	lb.	.33	—
smaller lots	lb.	.34	—
powd., bbls., 2,000 lb. lots	lb.	.30	—
smaller lots	lb.	.31	—
dms., 25 lb. lots	lb.	.36	—
kgs., 2,000 lb. lots	lb.	.31	—
smaller lots	lb.	.32	—
Acetoacetanilide, dms.	lb.	.47	.65
Acetone, CP, dms., c.l., dlvd.	lb.	.05¾	—
l.c.l., dlvd.	lb.	.06¼	—
tanks, dlvd.	lb.	.04¾	—
Methyl (see M)			
Acetophenone, bots.	lb.	1.30	1.45
cns., 25 lbs.	lb.	1.15	1.25
dms., 100 lbs.	lb.	1.05	—
Acetophenetidin, bbls., kgs., 1,000 lbs.	lb.	1.00	—
50 lbs.	lb.	1.02	—
25 lbs.	lb.	1.05	—
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville	lb.	.08¾	—
l.c.l., same terms	lb.	.09	—
Acetic, coml. or redist., 28%, bbls.	100 lbs.	2.28	2.48
cbys.	100 lbs.	2.73	2.93
56%, bbls.	100 lbs.	4.15	4.40
cbys.	100 lbs.	4.65	4.90
70%, bbls.	100 lbs.	5.17	5.42
cbys.	100 lbs.	5.67	5.92
80%, bbls.	100 lbs.	5.89	6.14
cbys.	100 lbs.	6.39	6.64
glacial, nat., CP., cbys.	100 lbs.	14.00	—
99.5%, bbls.	100 lbs.	7.62	7.87
cbys.	100 lbs.	8.12	8.37
USP, bbls.	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
synth., 99.5%, al. dms.,	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP, al. dms.	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
pure, 30%, bbls.	100 lbs.	3.28	3.53
cbys.	100 lbs.	3.78	4.03
36%, bbls.	100 lbs.	3.66	3.91
cbys.	100 lbs.	4.16	4.41
60%, bbls.	100 lbs.	6.15	6.40
cbys.	100 lbs.	6.65	6.90
80%, bbls.	100 lbs.	7.68	7.93
cbys.	100 lbs.	8.18	8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld.	lb.	.10¼	.11¼
l.c.l., dms., frt. alld.	lb.	.12	.13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.	lb.	.45	—
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls.	lb.	.40	—
powd., 80 mesh, 200-lb. bbls.	lb.	.40	—
Anthranilic, refd., bbls.	lb.	1.15	1.20
tech., bbls.	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs	lb.	.22	.25
Ascorbic, bots., dms.	oz.	2.75	3.00
Battery, cbys, c.l., E. works, 100 lbs.		1.60	—
l.c.l., 25 or more, E. works, 100 lbs.		1.85	—
10-24, E. works	100 lbs.	1.95	—
1-9, E. works	100 lbs.	2.55	—
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	—
1,000 to 3,900 lbs.	lb.	.44	—
900 lbs. or less	lb.	.47	—
USP, bbls., 4,000 lbs. or more	lb.	.54	—
1,000 to 3,900 lbs.	lb.	.55	—
900 lbs. or less	lb.	.58	.69
dms., 4,000 lbs. or more	lb.	.55	.56
1,000 to 3,900 lbs.	lb.	.56	(57
900 lbs. or less	lb.	.59	.60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd.	ton.	106.00	—
c.l., dlvd.	ton.	111.00	—
l.c.l., ex whse.	ton.	118.00	-123.00
powd., bbls., contracts, 80 tons, dlvd., ten.		111.00	—
c.l., dlvd.	ton.	116.00	—
l.c.l., dlvd.	ton.	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton.	96.00	—
c.l., dlvd.	ton.	101.00	—
l.c.l., ex whse.	ton.	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton.	101.00	—
c.l., dlvd.	ton.	106.00	—
l.c.l., ex whse.	ton.	113.00	-128.00
USP, $25 per ton higher.			
Broenner's, bbls.	lb.	1.11	—
Butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	—
l.c.l., same basis	lb.	.23	—
tanks, same basis	lb.	.21	—
Camphoric, cns.	lb.	5.50	5.70
Capric, dms.	lb.	.12	.12½
Caproic, dms., works	lb.	.35	.40
Carbolic (see Phenol).			
Castor oil, split, dms.	lb.	.12½	.13
Chloresulphonic, dms., c.l., works	lb.	.0350	—
5-drum lots, works	lb.	.04	—
single drum	lb.	.05	—
tanks, works	lb.	.03	—
Acid Chromic, 99%, dms., c.l., dlvd. N. Y.	lb.	.15¼	—
l.c.l., 5 tons, dlvd. N. Y.	lb.	.15¾	—
Dms., smaller quantities, dlvd., N. Y.	lb.	.16¼	.17¼
Cinnamic, refd., bots.	lb.	2.85	3.25
Citric, cryst., grain., bbls., car lots	lb.	.20	—
10,000-lb. lots, one shipt.	lb.	.20½	—
smaller lots	lb.	.21	—
anhyd., gran., dms., 10,000 lbs., 1 shipt.	lb.	.23	—
smaller lots	lb.	.23½	—
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.			
Cleve's, bbls.	lb.	.57	—
Coconut oil, dms.	lb.	.09¼	.09¾
Corn, dist., dms.	lb.	.08¼	.08¾
Cottonseed oil, dist., dms.	lb.	.06½	.07
tanks	lb.	.06	—
Cresylic, high-boil, dom., c.l., works, frt equld.	gal.	.49	—
l.c.l., same basis	gal.	.50	—
Special blends, dom., c.l., frt. equaled.	gal.	.58	—
l.c.l., same basis	gal.	.59	—
low-boil, dms., c.l., works frt. equaled.	gal.	.55	—
l.c.l., same basis	gal.	.56	—
imported, pale, dms.	gal.	.48	.54
Crotonic, bbls., dlvd.	lb.	.21	—
smaller containers, dlvd.	lb.	.50	—
Diethylbarbituric (see Barbital)			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l.	lb.	.10½	—
l.c.l., 25 and over.	lb.	.11	—
1-24	lb.	.11½	—
inland territory, cbys., c.l.	lb.	.1185	—
l.c.l., 25 and over	lb.	.1235	—
1-24	lb.	.1285	—
southern territory, cbys., c.l.,	lb.	.1170	.1240
l.c.l., 25 and over	lb.	.1220	.1290
1-24	lb.	.1270	.1320
Fumaric, bbls.	lb.	.75	—
Gallic, tech., bbls.	lb.	.70	.73
N. F., VI, bbls., 200 lbs., 5 or more	lb.	.77	—
single bbls.	lb.	.80	—
fib. dms., 25 lbs.	lb.	.81	—
Gamma, bbls.	lb.	.85	—
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	—
H, bbls.	lb.	.45	—
Hydriodic, 47%, bots.	lb.	2.30	—
5-lb. bots.	lb.	2.51	—
57%, bots.	lb.	2.75	2.90
Hydrobromic, 10% dilut., USP,	lb.	.20	.21
pure, 34% conct., cbys.	lb.	.42	.44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	1.00
Hydrofluoric, 30%, bbls.	lb.	.07	.07½
lead cbys.	lb.	.09	.09½
48%, lead cbys.	lb.	.11½	.12
52%, lead cbys.	lb.	.12½	.13
60%, lead cbys.	lb.	.15	.15½
Hydrofluosilic, 30-35%, 420 lb. bbls.	lb.	.09	.09½
Hypophosphorus, USP, 30%, djns.	lb.	.75	.80
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	—
l.c.l., bbls., works	100 lbs.	2.75	—
cbys., works	100 lbs.	3.75	—
44%, bbls., c.l., works,	100 lbs.	5.50	—
l.c.l., bbls., works	100 lbs.	5.75	—
cbys., works	100 lbs.	6.75	—
light, 22%, bbls., c.l., works,	100 lbs.	3.50	—
l.c.l., bbls., works	100 lbs.	3.75	—
cbys., works	100 lbs.	4.75	—
44%, bbls., c.l., works,	100 lbs.	6.50	—
l.c.l., bbls., works	100 lbs.	6.75	—
cbys., works	100 lbs.	7.75	—
50%, edible, 20 and over, bbls., cbys.	lb.	.10½	.11¼
plastic grade	lb.	.12¼	.13¼
5 to 19, edible, bbls., cbys.,	lb.	.11	.12
plastic grade	lb.	.12¾	.13¾
1 to 4, edible, bbls., cbys.,	lb.	.11¼	.12¼
plastic grade	lb.	.13¼	.14¼
80%, 5 and over, bbls., cbys.	lb.	.21	.22
1 to 4 bbls., cbys.	lb.	.21½	.22½
USP, XI, 85%, cbys.	lb.	.43	.45
USP, VIII, 75%, cbys.	lb.	.41	.43
Lauric, dist., tech., dms.	lb.	.12¾	.13¼
Laurent's, bbls.	lb.	.45	—
Linseed oil, dark, dms.	lb.	.10	.10½
light, dms.	lb.	.11	.11½
extra white, dist., dms.	lb.	.12¼	.12¾
Maleic, powd., dms.	lb.	.30	—
anhydride, dms., c.l.	lb.	.25	—
dms., l.c.l.	lb.	.26	—
Malic powd., kegs	lb.	.47	—
Mandelic, bots.	lb.	2.30	—
dms., 1,000 lbs.	lb.	1.90	—
smaller lots	lb.	2.15	—
Mixed, tanks, nitric unit	lb.	.05	.06
sulphuric unit	lb.	.0065	.009
Molybdic, kgs., works	lb.	.95	1.10
Monochloroacetic, tech., bbls.	lb.	.15	.18
Monosulphonic, bbls.	lb.	1.50	—
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.80	—
l.c.l., 25 and over, E. works	100 lbs.	1.75	—
10 to 24, works	100 lbs.	1.85	—
1 to 9, works	100 lbs.	2.45	—
tanks, works	100 lbs.	1.05	—
20°, cbys., c.l., E. works, 100 lbs.		1.75	—
l.c.l. 25 and over, works, 100 lbs.		2.00	—
10 to 24, works	100 lbs.	2.10	—
1 to 9 works	100 lbs.	2.70	—
tanks works	100 lbs.	1.15	—
Acid, muriatic, 22°, cbys., c.l., E. works	100 lbs.	2.25	—
l.c.l., 25 and over, works, 100 lbs.		2.50	—
10 to 24, works	100 lbs.	2.60	—
1 to 9, works	100 lbs.	3.20	—
tanks, works	100 lbs.	1.65	—
cryst., gran., bbls., car lots	lb.	.21	—
6-lb. bots.	lb.	.18½	—
consumers, cbys.	lb.	.08	—
6-lb. bots.	lb.	.20	—
Myristic, dist., dms.	lb.	.15¾	.16¼
Naphthenic, acidity, 120-200 dms., c.l.	lb.	.07	—
210-230, dms., c.l.	lb.	.09	—
240-280 dms., c.l.	lb.	.10	—
Sludge, dms., c.l.	lb.	.05	—
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	—
l.c.l., 25 and over, E. works	100 lbs.	5.25	—
10 to 24, works	100 lbs.	5.35	—
1 to 9 works	100 lbs.	5.95	—
38°, cbys., c.l., E. works, 100 lbs.		5.50	—
Western works	100 lbs.	5.75	—
l.c.l., 25 and over, E. works	100 lbs.	5.75	—
10 to 24, works	100 lbs.	5.85	—
1 to 9, works	100 lbs.	6.45	—
40°, cbys., c.l., E. works, 100 lbs.		6.00	—
l.c.l., 25 and over, E. works	100 lbs.	6.25	—
10 to 24, works	100 lbs.	6.35	—
1 to 9, works	100 lbs.	6.95	—
42°, cbys., c.l., E. works, 100 lbs.		6.50	—
l.c.l., 25 and over, works, 100 lbs.		6.75	—
10 to 24, works	100 lbs.	6.85	—
1 to 9, works	100 lbs.	7.45	—
C.P., USP., dealers, cbys.	lb.	.11¼	—
7-lb. bots.	lb.	.22½	—
consumers, cbys.	lb.	.13	—
7-lb. bots.	lb.	.24	—
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works,	lb.	.10¾	—
10,000 lbs., and over	lb.	.11	—
smaller quantities	lb.	.12	.14
Palm oil, white, dist., dms.	lb.	.06¼	.06¾
tanks	lb.	.05¾	—
Phenylacetic, bots.	lb.	1.75	3.00
Phosphoric, ortho, tech., 50%, cbys.	lb.	.06	—
75%, cbys.	lb.	.07½	—
USP, 85%, s. g. 1.710 cbys., 150 lbs.	lb.	.12	—
50%, s. g., 1.347 cbys., 70 lbs.	lb.	.12	—
djns., 25 lbs.	lb.	.15	—
10%, dilut., cbys., djns.	lb.	.07	.07¼
Picramic, kgs.	lb.	.65	.70
Picric, bbls.	lb.	.25	—
Propionic ref., cbys., works	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls.	lb.	1.05	—
cns.	lb.	1.10	—
USP, cryst., cns.	lb.	1.45	1.65
resubl., cns.	lb.	2.05	2.15
Pyroligneous, bbls., dlvd. E. gal.		.25	—
Ricinoleic, com'l, split (see Acid, castor oil, split).			
tech. dms., c.l., works	lb.	.27	—
l.c.l., dms., works	lb.	.28	.33
Salicylic, tech., bbls.	lb.	.33	—
USP, bbls.	lb.	.35	.40
Sebacic, C.P., bbls., works	lb.	No prices	
tech., bbls., works	lb.	No prices	
Soybean oil, dist., dms.	lb.	.08	.08½
Stearic, distil., double pressed, bgs., dlvd.	lb.	.10½	.11½
single pressed, bgs., dlvd.	lb.	.10	.11
triple pressed, bgs., dlvd.	lb.	.13¼	.14¼
saponif., double pressed, bgs., dlvd.	lb.	.10¾	.11¾
triple pressed, bgs., dlvd.	lb.	.13¼	.14¼
Succinic, bbls.	lb.	.75	—
Sulphanilic, CP, bots., works.	lb.	1.60	1.68
tech., dms., works	lb.	.17	—
Sulphonaphthenic, dms.	lb.	.04	.10
Sulphuric, 60°, cbys., c.l., E. works.	100lbs.	1.25	—
l.c.l., 25 and over, works.	100lbs.	1.50	—
10 to 24, works	100 lbs.	1.60	—
1 to 9, works	100 lbs.	2.20	—
tanks, E. works	ton.	13.00	—
66°, cbys., c.l., E. works, 100 lbs.		1.50	—
l.c.l., 25 and over, works, 100 lbs.		1.75	—
10 to 24, works	100 lbs.	1.85	—
1 to 9, works	100 lbs.	2.45	—
tanks, E. works	ton.	16.50	—
98°, tanks, works	ton.	17.50	—
C.P., USP, dealers, cbys.	lb.	.06½	—
9-lb. bots.	lb.	.16½	—
consumers, cbys.	lb.	.08	—
9-lb. bots.	lb.	.18	—
fuming, 20%, tanks, E. works.	ton.	18.50	—
65%, tanks, E. works	ton.	36.00	—
Tannic, tech., bbls., dms.	lb.	.40	.47
USP, fluffy, bbls., 1,000 lbs.			
100-lb. lots	lb.	.90	—
25-lb. lots	lb.	.98	—
powd., bbls., 1,000 lbs.	lb.	.78	—
smaller lots	lb.	.80	—
Tartaric, USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment.	lb.	.27½	—
kgs.	lb.	.28½	—
smaller quantities	lb.	.27¾	—
Tobias, bbls.	lb.	.60	.65
Trichloroacetic, bots.	lb.	2.00	2.50
Tungstic, CP, kgs., wks.	lb.	2.35	2.55
Chem. grade, kgs., wks.	lb.	1.70	1.80
Aconite, leaves, bls.	lb.	.25	.26
Root, bls.	lb.	.25	.26
Aconitine, amorph., bots.	oz.	17.00	-18.00
vis.	gr.	.08	.09
cryst., bots.	oz.	30.00	—
vis.	gr.	.09	.11
Adeps lanae, anhyd., dms.	lb.	.17½	.19
hyd., dms.	lb.	.16	.18
Agar 1, bls.	lb.	1.50	Nom.
3, bls.	lb.	No prices	
Agaric, white, bls.	lb.	3.00	Nom.

Acacia—Aldehyde Bisulphite

Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld.	lb.	.13	—
pow'd, grade A, same basis, ton lots.	lb.	.15	—
smaller lots, same basis.	lb.	.18	—
light, dom., flake, dms., f.o.b. Chicago, frt. alld.	lb.	.53	.60
import, bgs.	lb.	.60	Nom.
egg, ed., dom., cryst., bbls.	lb.	.58	.62
dom., pwd., dms., bbls.,	lb.	.63	.67
import, cs.	lb.	.63	.68
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld.	lb.	.111	—
l.c.l., frt. alld.	lb.	.121	—
tanks, frt. alld.	lb.	.101	—
Benzyl, cans	lb.	.63	—
drums	lb.	.63	—
Butyl, normal, cns., works	lb.	.12½	.14½
dms., c.l., frt. alld.	lb.	.09	—
l.c.l., frt. alld.	lb.	.09½	—
tanks, frt. alld.	lb.	.07	—
tankwagon, frt. alld.	lb.	.07½	—
secondary, dms., c.l., frt. pd., E. of Miss. R.	lb.	.06½	—
l.c.l., same terms	lb.	.07	—
tanks, same terms	lb.	.05½	—
tertiary, denaturing, dms., frt. alld.	lb.	.14	—
Capryl, pure, dms., works	lb.	2.50	—
tech., dms., works	lb.	.85	—
Cetyl, dom., C.P., fiber ctns., 1,000 lbs.	lb.	1.59	—
500 lbs.	lb.	1.79	—
100 lbs.	lb.	1.89	—
25 lbs.	lb.	1.99	—
5 lbs.	lb.	2.00	—
com'l., dms.	lb.	.95	—
import, 85%, 100-lb. dms.	lb.	.55	—
5 to 10 lbs.	lb.	.75	—
com'l., dms., 350 lbs.	lb.	.45	—
Cinnamic, bots.	lb.	2.00	2.90
Denatured, CD14, dms., c.l., works, E.	gal.	.27½	—
l.c.l., works, dms.	gal.	.31½	—
tanks, E., works	gal.	.21½	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works.	gal.	.36½	—
19 bbls., E. works	gal.	.28½	—
1 to 18 bbls., E. works, gal.		.31½	—
dms., c.l., E. works	gal.	.25½	—
19 dms., E. works	gal.	.27½	—
gal.		.30½	—
tanks, E. works	gal.	.19½	—
Anhydrous, 2c. per gal. higher.			
SD-2B., dms., c.l., works, E. gal.		.24½	—
19 dms., works, E.	gal.	.26½	—
1 to 18 dms., works, E. gal.		.29½	—
tanks, E., works	gal.	.18½	—
SD23-G, works, E., dms.	gal.	.30	—
19 dms.	gal.	.32	—
1 to 18 dms.	gal.	.35	—
tanks	gal.	.24	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works.	gal.	.26½	—
20 dms., E. works	gal.	.28½	—
1 to 19 dms., E. works, gal.		.31½	—
tanks, E. works	gal.	.20½	—

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd.	lb.	.09	—
l.c.l., dlvd.	lb.	.09½	—
cns., works	lb.	.13½	.15½
tanks, dlvd.	lb.	.08	—
tech., contract, dms., c.l., dlvd.	lb.	.08½	—
l.c.l., dlvd.	lb.	.09	—
cns., works	lb.	.12	.14
tanks, dlvd.	lb.	.07½	—
Ethyl, 190 pf., ex molasses, bbls., c.l.	gal.	4.52	—
19 bbls.	gal.	4.56½	—
1 to 18 bbls.	gal.	4.59½	—
dms., c.l.	gal.	4.49	—
19 dms.	gal.	4.55½	—
1 to 18 dms.	gal.	4.58½	—
tanks	gal.	4.46	—
absolute, dms., c.l.	gal.	4.84½	—
19 dms.	gal.	4.88	—
1 to 18 dms.	gal.	4.91	—
Grain alcohol 25c. gal. higher.			
Furfuryl, tech., cns., works	lb.	.35	—
dms., c.l., 33,000 lbs., works, lb.		.20	—
l.c.l., 500 lbs. and more, works	lb.	.25	—
Isoamyl, primary, dms., l.c.l., dlvd.	lb.	.27	—
cans, works	lb.	.32	—
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies	lb.	.0680	—
l.c.l., same terms	lb.	.0730	—
tanks, same terms	lb.	.0580	—
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest.	gal.	.65	—
55 gal., c.l., same basis	gal.	.33½	—
l.c.l., same basis	gal.	.38½	—
tanks, frt., alld.	gal.	.28½	—
99%, dms., 5 gal., same basis, gal.		.65	—
55 gal., c.l., same basis, gal.		.36	—
l.c.l., same basis	gal.	.41	—
tanks, same basis	gal.	.31	—
Methyl (see Methanol).			
Phenylethyl, bots., cns.	lb.	2.50	2.85
Propyl, normal, dms., works, gal.		.70	—
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb.		.44	—
450 lb. lots, same basis.	lb.	.50	—
cns., f.o.b., Cedar Rapids, Ia.	lb.	.55	—
Aldehol, denat, grade, dms., tanks, works.	gal.	.70	.72
Aldehyde bisulphite, bbls., dlvd.,	lb.	.17	—
smaller containers	lb.	.20	—

Aldol—Black, Carbon

Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works..lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs..lb. .37 - .38
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. .11 - .12
Aloe, Barbados, true, cs..lb. .85 - .90
Cape, cs..lb. .18½- .20
Curacao, cs..lb. .43 - .44
gourds, bbls..lb. .80 - .85
Socotrine, kgs..lb. .43 - .45
Aloin, 140-lb. bbls..lb. 2.95 - —
100-lb. kgs..lb. 2.97 - —
25-lb. fib. dms..lb. 3.04 - —
Alphanaphthol, bbls..lb. .52 - —
Alphanaphthylamine, bbls..lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .30 - .32
peeled, bls..lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works..100 lbs. 3.15 - —
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works..100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works..100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalised with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works..100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works..100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls..lb. .06¼- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd..100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
f.c.l., dlvd..lb. .09 - —
basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd..lb. .12 - —
basic powd., bbls., dlvd..lb. .40 - —
smaller containers, dlvd, lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works..lb. .09 - —
100 lbs., or less, works..lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works..lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works..lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l. dlvd..lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works..lb. .03¼- —
bgs., c.l., works..lb. .0290- —
light, bgs., c.l., dlvd..lb. .12 - —
l.c.l., bgs., dlvd..lb. .12½- —
bbls., c.l., dlvd..lb. .12½- —
l.c.l., bbls., dlvd..lb. .13 - —
Oleate, dms., contr..lb. .16¾- —
open order..lb. .17½- .18½
Palmitate, precip., bbls..lb. .23 - —
Resinate, precip., dms., dlvd..lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .16 - —
l.c.l., ton..lb. .17 - —
less than ton..lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works. 100 lbs. 1.30 - —
l.c.l., works..100 lbs. 1.55 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., works..100 lbs. 1.75 - —
Aluminum, 98-99%, c.l..lb. .20 - —
l.c.l..lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs..lb. .70 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for partial shipments on contracts, prices are 5c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 6c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins..oz. 17.00 -26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs..lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd..lb. .23 - .26
Aldehyde, dms..lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys..lb. .05 - —
dms., c.l..lb. .02 - —
l.c.l..lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb. .04 - —
Ammonia, aqua, grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .05¾- —
Benzoate, dms., 4,000 lbs. or more..lb .40 - .42
dms., works..lb. .41 - .43
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less..lb. .42 - .45
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less..lb. .42 - —
Bicarbonate, bbls., c.l., works. 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls..lb. .30 - .32
Bifluoride, bbls..lb. .14½- .16¼
Borate, bbls., kgs..lb. .15 - .16
Bromide, gran., bbls..lb. .35 - —
bxs..lb. .38 - .39
kgs..lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12¾
imported, casks..lb. .08 - .12¾
USP, lump, dms..lb. .08 - .17
powd., bbls., dms..lb. .09 - .35
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .18
100 lb. kgs..lb. .15 - —
Citrate, dms..lb. .80 - —
cns..lb. .85 - —
Fluoride, bbls..lb. .17 - .19
Hydroxide, (see Ammonia, aqua).
Hypophosphite, dms..lb. 1.25 - 1.27
jars..lb. 1.35 - —
Iodide, 5-lb. bots..lb. 3.63 - —
jars..lb. 3.46 - —
Linoleate, 80%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks..lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works 100 lb. 3.60 - —
l.c.l., works..100 lbs. 3.85 - —
bbls., c.l., works..100 lbs. 3.80 - —
l.c.l., works..100 lbs. 4.05 - —
Oleate, dms..lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran..lb. .32 - —
Perchlorate, kegs..lb. .16 - .18
Persulphate, kgs..lb. .21 - .23
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs..lb. .39 - —
tech., bbls., c.l..lb. .07½- —
l.c.l..lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls..lb. .40 - .45
tech., bbls., c.l..lb. .07½- —
l.c.l..lb. .09 - .10
Salicylate, U.S.P., kgs..lb. 1.15 - 1.20
Silicofluoride, im., 350-lb. bbls., f.o.b. N.Y..lb. .09 - —
5 bbls., same basis..lb. .08¼- —
Stearate, anhydrous..lb. .22 - —
paste..lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Sept. shipt..ton. 27.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works..lb. .12 - .13
tanks, dlvd..lb. .07½- —
red, 48%, cbys., works..lb. .07½- —
dms., works..lb. .05¾- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works..lb. .06½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l..100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, casks..100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .12½
l.c.l., dlvd..lb. .12 - .14
tanks, dlvd..lb. .10½- .12½
cns., works..lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld..lb. .11½- —
tanks, frt., alld..lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns..lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works..lb. .63 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works..lb. .0665- —
tanks, works..lb. .0465- —
Nitrite, bots..lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works..lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, bots., 5 lbs..lb. .61 - —
cns., 25 lbs..lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works..lb. .11 - —
tanks, works..lb. .09 - —
Anethol, bots..lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .20 - .21
import, natural, bls.....lb. .20 - .22
twisted, bls..lb. .28 - .30
Angostura bark, bls..lb. .30 - .31
Anilin oil, dms., c.l..lb. .15 - —
l.c.l..lb. .16 - —
tanks..lb. .14½- —
Salt, dms., works..lb. .22 - .24
Anise, Spanish, bgs..lb. .16 - .16½
Star, bgs..lb. .15 - .16
Anisic aldehyde, bots..lb. 3.05 - 3.10
Annatto paste, bxs..lb. .34 - .39
seed, bgs..lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
80%, bbls., wks..lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys..lb. .17 - —
Metal, spot..lb. .12 - —
Needle, powd., ton lots, bulk, lb. .12 Nom.
bbls., kgs..lb. .14 - .16
Oxide, bgs., c.l., dlvd..lb. .10 - .11
l.c.l., ex whse..lb. .10½- .11¾
Salts, 65%, kgs..lb. .32½- .37
White pigment, bgs., f.o.b. Laredo, Tex..lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots..lb. 2.10 - 2.15
Apomorphine, bots..oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls..lb. .18 - .20
triple, bbls..lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 80%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls..lb. .27 - .28
Root, bls..lb. .36 - .37
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .09¾
bbls..lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars..lb. 5.20 - —
Red, import, cs..lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l..lb. .03¾- —
Asafetida, cs..lb. .23 - .24
powd., bbls., bxs..lb. .40 - .45
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 46.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .06½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery..ton. 21.00 - —
tanks, refinery..ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots..oz. 4.50 - 5.00
Sulphate, bots..oz. 2.60 - —
cns..oz. 2.50 - —

B

Balm of Gilead buds, bgs.....lb. .36 - .40
Barberry bark, bgs..lb. .17½- .18
Tree bark, bls..lb. .09 - .10
Barbital, cs..lb. 3.00 - 3.10
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
90% thru 200 mesh, bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
Chicago..ton. 55.00 - —
l.c.l., works..ton. 57.50 - —
Chicago..ton. 60.00 - —
bbls., c.l., works..ton. 57.50 - —
Chicago..ton. 60.00 - —
l.c.l., works..ton. 62.50 - —
Chicago..ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works..ton. 62.50 - —
Chlorate, xgs..lb. .16½- .17¼
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs..lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line...ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla...ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., bgs., same basis. ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms..lb. .11 - .15
Fluoride, bbls..lb. .11½- .13½
Fluosilicate, bbls..lb. .11½- .13½
Hydrate (see Hydroxide).
Hydroxide, bbls..lb. .04½- .05
Iodide, bots..lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks..lb. .06¾- .07¼
Oxide, dms..lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls..lb. .09½- .10
kgs..lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago..ton. 31.15 - —
Cleveland..ton. 33.50 - —
New York..ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston..ton. 31.70 - —
Philadelphia..ton. 30.50 - —
ex whse., Baltimore..ton. 32.10 - —
Boston..ton. 35.20 - —
Chicago..ton. 30.35 - —
Cleveland..ton. 33.00 - —
Detroit..ton. 33.00 - —
Kansas City..ton. 30.93 - —
Los Angeles..ton. 42.00 - —
New York..ton. 31.50 - —
Philadelphia..ton. 31.90 - —
San Francisco..ton. 42.00 - —
Toronto..ton. 30.50 - —
Barytes, southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines..ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -34.00
l.c.l., ex whse.....ton. 30.00 - —
German, ungrd., bulk, c.l., ex dock..ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines..ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs..lb. .13 - .15
Belladonna leaves, bls.....lb. .12 - .15
Root, bls..lb. .17 - .20
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs..lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls..lb. .70 - —
Benzol, 90%, nitration, pure, dms., works, gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo., gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .42 - —
dms..lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, s.m.a., f.f.c., cans, lb. .71 - —
dms..lb. .67 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns..lb. 4.15 - 5.00
Formate, cns..lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 14.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns..lb. 16.75 - —
Berberis root, bls..lb. .11 - .13
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .28 - —
l.c.l., bbls., works....lb. .34 - —
Benzoate, fib., dms..lb. 2.10 - —
kgs..lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Betel root, bls..lb. .16 - .21
Bismuth chloride, 5-lb. bots...lb. 3.50 - 3.75
Citrate, USP, VIII, 5-lb. bots., lb. 2.70 - —
jars..lb. 2.65 - —
Bismuth, hydroxide, 5-lb. bots..lb. 3.27 - —3
cns..lb. 3.15 - —
Metal, ton lots..lb. 1.10 - —
Nitrate, cryst., 5-lb. bots...lb. 1.24 - —
cns..lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs..lb. 3.05 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms..lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.52 - 1.76
fib. dms..lb. 1.43 - 1.46
X-ray, 5-lb. bots..lb. 2.49 - —
fib. dms..lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.96
fib. dms..lb. 1.58 - 1.61
Subiodide, cns..lb. 3.01 - —
fib., dms..lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.56
fib. dms..lb. 1.23 - 1.26
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms..lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 2.61 - —
fib. dms..lb. 2.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns..lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns..lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms..lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2, bbls., bgs., c.l., frt. allkd., E..lb. .10½- —
l.c.l., frt. allkd. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. allkd. E. lb. .09¼- —
l.c.l., frt. allkd. E.....lb. .10 - —
4, bbls., c.l., frt. allkd. E...lb. .08½- —
l.c.l., frt. allkd. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. allkd. E..lb. .07¼- —
l.c.l., frt. allkd. E.....lb. .08 - —
6, bbls., c.l., frt. allkd. E...lb. .06½- —
l.c.l., frt. allkd. E.....lb. .08 - —
7, bbls., bgs., c.l., frt. allkd E. lb. .09 - —
l.c.l., frt. allkd. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. allkd. E..lb. .10 - —
l.c.l., frt. allkd. E.....lb. .10¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .03¾- —
cs., l.c.l., dlvd..lb. .07½- —
2, bgs., c.l. works..lb. .06¼- —
l.c.l., dlvd..lb. .10½- —
cs., l.c.l., dlvd..lb. .12 - —
3, bgs., c.l., works..lb. .13 - —
l.c.l., dlvd..lb. .14½- —
cs., l.c.l., dlvd..lb. .16¼- —
4, bgs., c.l., works..lb. .27½- —
cs., c.l., works..lb. .29 - —
l.c.l., dlvd..lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd..lb. .44 - —
6, cs., l.c.l., dlvd..lb. .60 - —
7, cs., l.c.l., dlvd..lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst., States)..lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03½- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border..lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06½- —

Black, carbon, standard, bulk, tanks, same price as bags in each zone.
cs., l.c.l. divd ..lb. .07 -
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .05¾- —
Ivory, genuine, bbls.....lb. .50 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
4, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l. works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .26 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .26 - —
Vine, A, bbls., works or N. Y..lb. .04¼- —
B, bbls., works or N. Y....lb. .05¾- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l...ton.60.00 - —
l.c.l. .....ton.65.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.00
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.70 - —
import, bgs., c.i.f. ports, shpt., unit-ton. 2.70 - 2.75
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lbs .90 - —
Alkali blue toner prices are ½c. higher divd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 3c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.80 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Ultramarine, blue, divd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefiag root, bls. .....lb. .13 - .14
Blue mass, USP., cns.....lb. 1.10 - —
powd., cns.....lb. 1.12 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works..100 lbs. 4.25 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis..... 100 lbs. 4.75 - —
monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l. dealer.....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 - —
import, bgs., c.i.f. ports.ton.24.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.26.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt., unit-ton. 23.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.24.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .16 - .17
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., divd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., divd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., divd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
Borax, tech., gran., sks., contracts, 80 tons min., divd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., divd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. divd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, ons., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .90
Bronze, printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works. lb. .62½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis..lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz.. cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .33
Buckthorn bark, true, bls.....lb. .06 - .06½
cut and sifted, bbls.....lb. .10 - .11
Berries, bgs. .....lb. .16 - .17
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .05 - .05¼
Butanes, coml., 16-34°, tanks, group 3..gal. .03½- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, contract, frt. alld..lb. .07 - —
tankwagons, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. lb. .23 - —
crotonate, normal, 55 & 110 gal. dms., divd..lb. .75 - —
5 & 10 gal. dms., divd....lb. 1.00 - —
Butyl, ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., divd.....lb. .16¾- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns. works.....lb. .65 - .70
dms., frt. alld Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.51 - 1.75
single jars.....lb. 1.56 - 1.80
5-lb. bots.....lb. 1.70 - 1.91
Iodide, 5-lb. bots.....lb. 4.01 - —
25-lb. cns.....lb. 3.87 - —
Lithopone (see Yellow).
Metal, pat. shapes, cs.....lb. .60 - —
ingots, or sticks.....lb. .55 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb., 10,000 lbs., or more...lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs. .....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.21 - 4.80
Calabar beans, bgs.....lb. .30 - .31
Calamus root, peeled, N.F., cs. lb. .15 - .17
bleached, bls.....lb. .45 - .50
Calcium acetate, bgs., divd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers. E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., divd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-80%, bgs., dms., c.l., divd.ton.22.00 -35.00
l.c.l., 1 ton or over, divd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., divd..ton.20.00 -33.00
l.c.l., 1 ton or over, divd., 100 lbs. 1.60 - 2.20
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs. .....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .22
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during July, August, September, ton.27.25 - —
Palmitate bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 35-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls.,200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .26 - .27
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.52 - —
Camphor, natural, powd., cs...lb. .47½- .48
slabs, cs.....lb. .48 - .48½
tablets, tins.....lb. .54 - .54½
synth, dom., tech., bbls., contract, 2,000 lbs., or more, works..lb. .35 - —
smaller lots, works...lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .46 - —
1,000-lb. lots.....lb. .47 - —
smaller lots.....lb. .48 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0380- .0410
Morocco, bgs. .....lb. .04 - .04¼
Turkish, bgs. .....lb. .0380- .0410
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .90 - .92
powd., bxs.....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .09 - .09½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R...lb. .05 - —
l.c.l. same basis.....lb. .05¼- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .06
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .96 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l..frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs. .....lb. .71 - .72
green, bgs. .....lb. .50 - .52
Carob bean flour (see Gum, Locust bean).
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .10 - .11
Case-hardening mixture, 30% lump, dms., l.c.l...lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd..lb. .12¼- .12¾
5 tons, works.....lb. .13¾- .14¼
smaller lots, works.....lb. .15½- .15¾

Black Carbon—Chrome Yellow

Casein, dom., 80-100 mesh., bgs., lb. .12¾- .13¼
5 tons, works.....lb. .14¼- .14¾
smaller lots, works.....lb. .15½- .15¾
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .12 - .12¾
80-100 mesh, bgs., c.l., duty paid..lb. .12½- .13¼
French, 30 mesh, bgs., c.l., duty paid..lb. .09½ Nom
Cassia, Batavia, 1, bgs.....lb. .16 - .16¼
shortstick, bls.....lb. .12½- .13
broken, bls.....lb. .10½- .10¾
China, rolls, select, bls.....lb. .08 - .08¼
broken, extra, bls.....lb. .08 - .08½
Saigon, bls.....lb. .15 - .15¼
Cassia, buds, cs.....lb. .14½- .15
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.18.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls.....lb. .20 - .21
Celery seed, French, bgs.....lb. .14¼- .14½
Indian, bgs.....lb. .12 - .12¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works..lb. .37 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .59
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515- —
100 to 900 lbs.....lb. .525 - .54
Triacetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .27
Roman, bls.....lb. .28 - .32
Charcoal, softwood, gran., bgs., c.l., divd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.86.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks...lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., cks., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., divd., N. Y..lb. .05¼- —
contracts, divd., N. Y..lb. .05¾- —
l.c.l., divd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works..lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 160-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., divd..lb. .13½- —
solut., 8½% cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).

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Becomes a NEW product

NEW because of the low price at which Cyanamid engineering brings it to you.

NEW because its great reactivity and high nitrogen content are now commercially available.

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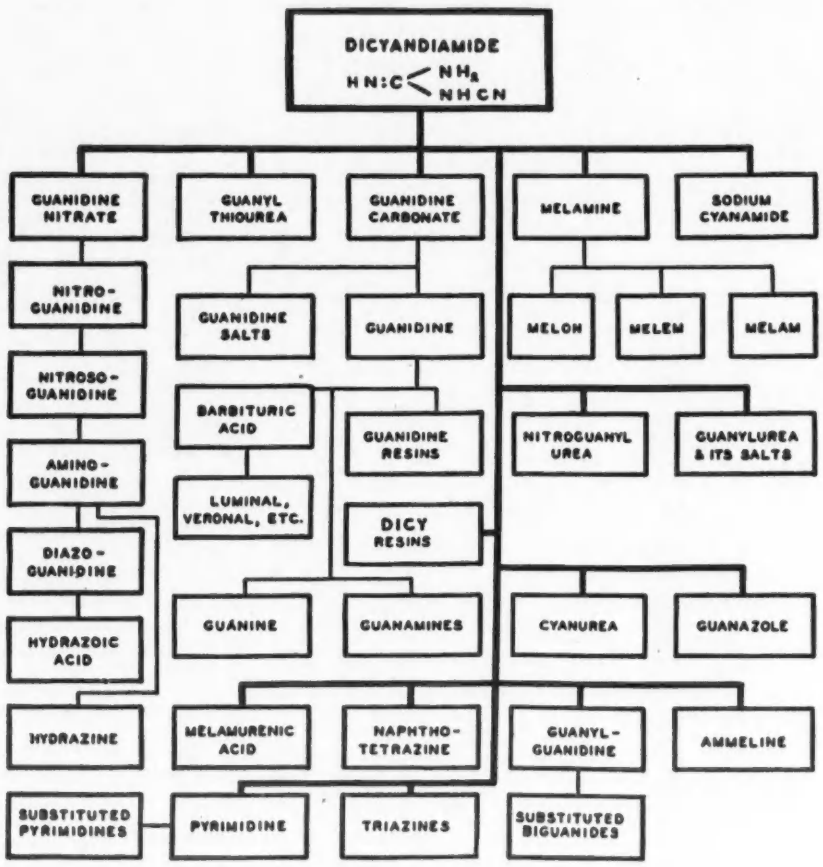

GUANIDINE NITRATE, GUANIDINE CARBONATE and GUANYLUREA SULPHATE are now, also, commercially available at greatly reduced cost. In the field of nitrogen chemistry the possibilities for synthesis from DICY are manifold. The chart indicates only a few of its many related products.

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Organic Chemicals Department

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .50 - .55
20 in., thick, cs.....lb. .60 - .65
20 in., medium, cs.....lb. .55 - .60
USP, broken quill, red, bgs. lb. .25 - .26
yellow, bgs.....lb. .25 - .26
Cinchonidine, crys., small cns., 100 ozs..oz. 88 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .14 - .14½
3 bls.....lb. .13½ - .14
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .16½ - .17
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½ - .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½ - .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. 65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.40
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 8% dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb 1.67 - —
Resinate, fused A, bbls.....lb. .13½ - —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½ - —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocoa butter, bulk, c.l., bgs...lb. .10½ - .10¾
Cocillana bark, bgs.....lb. .14 - .15
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½ - .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz. 18.00 - —
single ozs.....oz. 19.00 - —
Colchicum seed, bgs.....lb. .24 - .26
Collodion, USP, dms., 325 lbs..lb. .12½ - —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½ - —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .26
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½ - .23
S. A., USP, cns.....lb. .23½ - .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14 - .15
20%, bbls.....lb. .10¼ - .11¼
Chloride, cryst., bbls.....lb. .12½ - .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10½ - —
Nitrate, cryst., bbls.....lb. .1480 - .1530
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. .15 - .16
Red, com'l., 80-88%, kgs., f.o.b. N. Y..lb. .15¾ - .16¾
Rosinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works...ton. 17.00 - —
bbls., c.l., works.....ton. 19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra, Coast, shipt.....lb. .01575 Nom.
Coriander seed, Morocco, bgs..lb. .03½ - .04
bleached, bgs.....lb. .06 - .06½
Corn sugar, Tanner's, chipped, bgs., c.l., dlvd..100 lbs. 3.04 - —
slabs, bbls., c.l.....100 lbs. 2.96 - —
solid, bbls., c.l.....100 lbs. 3.08 - —
Syrup, 42° bbls., c.l....100 lbs. 3.07 - —
43°, bbls., c.l.....100 lbs. 3.12 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.32 - —
gran., powd., dms., 50 lbs. or more..lb. 1.17 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls....lb. .19 - .21
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13¼ - .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .22¼ - —
smaller lots, bbls.....lb. .22¾ - —
kgs.....lb. .23¼ - —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½ - .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .09½ - —
l.c.l., same basis.....lb. .10 - —
special resin grade, dms., c.l., works..lb. .08¼ - —
l.c.l., same basis.....lb. .08¾ - —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .13 - .14
Cumin seed, Algerian, bgs....lb. .08½ - .09
Morocco, bgs.....lb. .09½ - .10
Cutch, Philippine, extract, solid bags..lb. .04 - —
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2, unit ton. 1.27½ - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾ - —
lump, dms.....lb. .09¾ - —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .14 - .15
Deertongue leaves, bls.....lb. .09 - .10
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk cns....lb. 2.25 - 3.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
white, bgs., c.l., f.o.b. Chicago—100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.66 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½ - —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l., ex whse.....ton. 45.00 -150.00
Import, bgs., c.l., c.l.f.....ton. 22.00 -23.00
Dibutylamine, dms., c.l., works, lb .50 - —
l.c.l.....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½ - —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½ - .25¼
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19½ - —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 -
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .35 - .36
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½ - .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18¼ - —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½ - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 99° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15¼ - —
oily, dms.....lb. .09 - —
Diorthotolueguanidin, dms., 2,000 lbs. or over, dlvd...lb. 44 - —
600-1,950 lbs., dlvd.....lb. 46 - —
150-450 lbs., dlvd.....lb. 47 - —
Dioxan, dms., c.l., frt. alld....lb 20 - —
l.c.l., same basis.....lb 21 - —
tanks, same basis.....lb .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal 47 - 48
tanks.....gal 41 - —
Diphenyl, bbls., c.l., works...lb 15 - —
l.c.l., works.....lb 16 - 20
Oxide, perfume grade cns...lb 50 - 55
Diphenylamine bbls.....lb 81 Nom
Diphenylguanidin dms., 2,000 lbs., or over, dlvd..lb. 35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb .05¾ - .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, Jamaica, bls., lb. .06 - .07
colors (numbers are those of Colour Index scale):—
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified
Blue:—
Brilliant blue FCF, cans, lb. 13.50 - —
1180 Sodium indigo disulphonate, cns..lb. 13.50 - —
Green:—
Fastgreen FCF, cns..lb. 27.50 - —
666 Guinea green B., cns, lb. 13.50 - —
670 Light green SF, yellowish, cns..lb. 17.50 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb. 17.50 - —
80 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau SX, cns.....lb. 5.75 - —
Yellow:—
10 Naphthol yellow S, cns.lb. 8.50 - —
Sunset yellow FCF, cns, lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
170 Fast red A.....lb. .60 - .75
189 Fast red V3R.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powd...lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .68 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .83
420 Direct brown M.....lb. 1.00 - 1.10
449 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .86
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown.....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amideazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —

Chrysarobin—Ethyl Vanillin

Dyes, coaltar, water soluble (numbers are those of the Colour Index)
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. pe. lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin.....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G...lb. .52 - —
332 Bismarck brown R...lb. .37 - —
793 Phosphin.....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.90 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .65 - —
79 Popceau R.....lb. .49 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin.....lb. .60 - .62
183 Crocein scarlet 3BX.lb. .72 - .75
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .66 - —
677 Fuchsin.....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin.....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .85 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin.....lb. .90 - —
655 Auramine.....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen), yolk, dom., bbls.....lb. .59 - .62
imported.....lb. .55 - —
Elder flowers, bright, bls.....lb. .21 - .23
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .21 - .22
Emetine hydrochloride, bots..oz. 13.50 -14.00
Ephedra, bls.....lb. .08 - .09
Ephedrine, tins, 1,000 ozs....oz. 1.75 - —
tins, 100 ozs.....oz. 1.85 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with drawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .06 - .09
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots.....oz. 35.00 - —
Salicylate, bots.....oz. 27.00 - —
Sulphate, bots.....oz. 28.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½ - —
l.c.l., dlvd.....lb. .25 - —
cns.....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld.lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
N. F., VI, 90%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb. .12 - .13
USP, VIII, 90%, dms., 460 lbs. lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½ - —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .75 - —
5 and 10 gal. dms., dlvd...lb. 1.00 - —
Ethyl, formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½ - —
5-gal. dms., works.....lb. .37½ - —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 - —
5-lb. lots.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —

Ethylcellulose—Hexalin

Ethylcellulose, contracts, bgs., c.l. frt. alld..lb. .45 - —
contracts, 500 lbs. or more, f.o.b. alld..lb. .47 - —
500 lbs. or more, frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0653
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monoethylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms..c.l.,works, lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidineaniline, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .57 - .59
Eucalyptus leaves, bls.....lb. .07 - .08
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works .....ton.17.00 -19.00
Fennel seed, French, type, bgs., lb. .07¼- .07½
Indian, bgs.....lb. .07¼- .07½
German, large, bgs.....lb. .18 Nom.
Fenugreek seed, bgs.....lb. .03¼- .03½
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .09½- —
smaller lots, works...lb. .10½- —
light, cs., 1,000 lbs. or over, works..lb. .10½- —
smaller lots, works...lb. .11½- —
water white, cs., 1,000 lbs., or over, works..lb. .11½- —
smaller lots, works...lb. .12½- —
Fir balsam, Canada, cns....gal. 9.50 -10.00
Oregon, bbls.....gal. .85 - .90
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.15 & .10
11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.ton.48.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.35 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Sept.-Oct., shipt..ton.46.25 - —
spot..ton.47.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .09 - .09½
Indian, blonde, bgs.....lb. .05 - .05½
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, net ton.30.00 -31.60
washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton.17.00 -18.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.18.00 -19.00
imported, 85.5, duty paid, short ton.21.50 -22.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¾- —
l.c.l., works.....lb. .06¼- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.22.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .15 - .16½
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .12
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gambier, common, cases.....lb. 06¾ Nom
plantation, cases.....lb. .08 - .09
Cubes, Singapore, cases....lb. .06½- .06¾
extract, bbls.....lb. .06½- .09¼
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- .06¾
65 octane and above, tanks. gal. .0665- .0690
California, 64-58, tanks...gal. .06½- .08
Gulf Coast, U.S. Motor, bulk. gal. .05¾- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p., bulk, export, gal. .05½- —
64-66, 375 e.p., bulk, export, gal. .05¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¼- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04¾- .05¼
Oklahoma-Texas, US motor, 62 octane and below, tans..gal. .04½- .04¾
third grade tanks..gal. .04½- .04¾
63-66 octane, tanks....gal. .04¾- .04¾
67-69 octane, tanks....gal. .05 - .05¼
70-72 octane, tanks....gal. .05¼- .05¾
Gasoline, at refinery, Oklahoma-Texas, natural, 12-lb. v.p., tanks..gal. .03¾- .03¾
14-lb. v.p., tanks.....gal. .04 - —
18-lb. v.p., tanks.....gal. .03 - .03¼
22-lb. v.p., tanks.....gal. .03½- —
26-70 lb. v.p., tanks....gal. .04 - —
below 60 octane tanks.gal. .04¾- .05¼
65 octane, tanks.....gal. .06¼- —
53-56 480 e.p., naphtha, tanks..gal. .05½- .05½
Gelatin, silver, cs.....lb. .42 - .45
Gelsemium root, bls.....lb. .10 - .11
Gentian root, bls.....lb. .07 - .07½
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .04½- .04¾
Cochin, lemon, bgs.....lb. .06½- .07
Jamaica, bold, bgs.....lb. .11 - .12
grinding, bright, bgs...lb. .07¼- .07½
medium, bgs.....lb. .09½- .10
Japanese, bgs.....lb. .05¾- .06¼
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 6.00 - 7.00
wild, Southern, cs.....lb.10.00 -14.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .96 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
58/82 bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 83 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
98/351,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
118/347, bgs., c.l., same basis..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
135/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .07¾
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .28 - —
Stearate, dms.....lb. .24 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.12.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .11 - .12
Goldenseal, root, bls.....lb. 3.25 - 3.30
powd., bxs.....lb. 3.35 - 3.40
Grains of paradise, bgs.....lb. .33½- .34
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works....lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .03½- .04
White .....lb. .04½- .04½
Yellow .....lb. .03¾- .04
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls, same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-15%, bbls., same basis.lb. .07¼- —
16-20%, bbls., same basis.lb. .07¾- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls. same basis. lb. .08¼- —
24-25%, bbls., same basis.lb. .08¾- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
Green, chrome, reduced, C.P., color content 51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, doms., pure, bbls...lb. .26 - —
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Chrome, tetrahydroxide, bbls.lb. .65 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.25 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .10¼- .10¾
white sorts, 1, bgs.....lb. .23 - .24
2, bgs. .....lb. .21 - .22
powd., bbls. .....lb. .12½- .13¾
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .17 - .18
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .88 - .90
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .24½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Congo 2, cloudy, white, bgs., c.l., same basis..lb. .26½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .16¾- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
13, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .16½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
c.l., same basis..lb. .11¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .08 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .04 - —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .04 - —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .05¾- —
dust, bgs.,c.l.,same basis.lb. .05¾- —
nubs, bgs., c.l., same basis, lb. .09¾- —
Manila, Bocas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis. lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06½- —
D, bskts., c.l., same basis, lb. .03¾- —
DK, bskts., c.l., same basis, lb. .06½- —
dust, bskts.,c.l., same basis, lb. .05¼- —
Sambas and white split chips, bskts, c.l., same basis..lb. .14 - —
Singapore, dust., bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., basis..lb. .08¼- —
DBB, bskts., c.l., same basis..lb. .07½- —
MA, bskts., c.l., same basis, lb. .06½- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07½- —
Gum, copal, Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06½- —
chips, pale, bskts., c.l., same basis..lb. .06½- —
chips, pale, small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06¼- —
Pontianak, bold., genuine, bgs., same basis..lb. .15¼- —
mixed, ogs., c.l., same basis..lb. .13¾- —
split, bgs., c.l., same basis, lb. .12 - —
chips, bgs., c.l., same basis. lb. .07¼- —
nubs, bgs., c.l., same basis. lb. .10½- —
Dammar, Batavia, A, cs, c.l., same basis as copal..lb. .20 - —
A/D, cs., c.l., same basis.lb. .12¾- —
A/E, cs., c.l., same basis.lb. .11¾- —
B, cs., c.l., same basis..lb. .13½- —
C, cs, c.l., same basis.....lb. .13½- —
D, cs., c.l., same basis....lb. .12¾- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .13¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¾- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Kster, dms., dlvd. New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra. or single shipt., 10,000 lbs., lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn. Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. ..... lb. .22 - .23
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14 - .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .35 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .16½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs, same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins .....lb. 3.50 Nom.
Locust bean, powd., bbls.....lb. .16 - .20
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .39 - .40
Olibanum, cs. .....lb. .07½- .21
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .27 - .28
Scammony, cs. .....lb. 1.10 - 1.35
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .10¾- .10¾
Talha, bgs.....lb. .07½- .08
Thus, bbls. .....280 lbs.14.50 -14.75
Tragacanth, Alleppo, 1 cs...lb. 2.25 - 2.35
2, cs. .....lb. 1.90 - 1.95
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .08½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore,white,root,powd.,bbls.lb. .11½- .13
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .06 - —
l.c.l., bbls., works.....lb. .08¼- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05½- .06
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .08 - .09
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —

Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib., ctns., same basis....lb. .40 - —
Hematropine hydrobromide, bots., 25 ozs. .....oz.13.00 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago.unit-ton. 2.50 - —
Hops, N. F., bls.....lb. .15 - .20
Horehound, bls.....lb. .08 - .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.15.25 - —
cns., 16 ozs. .....oz.15.00 - —
Hydrochloride, bots., 4 ozs...oz.15.25 - —
cns., 16 ozs. .....oz.15.00 - —
Sulphate, bots., 4 ozs.....oz.16.25 - —
cns., 16 oz. .....oz.16.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.14.60 -15.00
Hyoscyamine, bots. .....oz.10.00 - —
Hydrobromide, bots. .....oz.10.00 - —
Sulphate, bots. .....oz.10.00 - —
Hypernic, cbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.62 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.05 - 1.10
powd., bxs. .....lb. 1.15 - 1.20
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .30
prime, bleached, bls.....lb. .17 - .21
Iron acetate, N. F. IV, cbys. 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms..... .100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
Acetate, liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots .....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .33 - .36
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .068 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. allds..lb. .05½- —
Alcohol (see Alcohol).
Isopropyl, ether, dms., 5 gal., frt. allds..gal. .55 - —
55 gal., c.l., E. of Miss., frt. allds..gal. .35 - —
W. of Miss., frt. allds., gal. .39 - —
Isopropyl, ether, dms., l.c.l., E. of Miss., frt. allds..gal. .40 - —
W. of Miss., frt. allds., gal. .44 - —
tanks, E. of Miss., frt. allds., gal. .25 - —
W. of Miss., frt. allds., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .14½- .17
powd., bbls., bxs.....lb. .19 - .23
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.75 - —
Juniper berries, bgs.....lb. .05 - .05½

K

Kamala, tins .....lb. .20 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04⅜- .04⅞
Gulf ports, p.w., bulk....gal. .03⅝- .03⅝
w.w., bulk..gal. .03⅞- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04⅜
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04¼
42-44 w.w., tanks.....gal. .04⅛- .04⅜
Pennsylvania, 45 w.w., tanks gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .38 - .40
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.00 - 7.10
Middlewestern, trcs....100 lbs. 6.20 - 6.30
Neutral, trcs.....100 lbs. 7.00 - 7.25
Western, choice, trcs..100 lbs. 6.20 - 6.30
Compound, trcs.....100 lbs. 8.25 - 8.50
Larkspur seed, bgs. .....lb. .33 - .34
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .25 - .27
medium, bls.....lb. .30 - .31
select, bls.....lb. .35 - .40
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .1015- .11¼
Lead arsenate prices are works or whse basis. frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss, Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, etc.....lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
95%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0835- —
other points.....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
In oil, 80% min., 100-lb. kgs., lb. .12½- —
Lead, resinate, fused, 15%, bbls., lb. .09½- —
pale, bbls. .....lb. .11¼- —
precip., bbls. .....lb. .16¼- —
Stearate, bbls.....lb. .23 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. allds..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. allds..lb. .10¼- —
Pac. Cst., ex whse....lb. .10¼- —
smaller lots. E. frt. allds. lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .12¼- —
dealers .....lb. .10¼- —
painters .....lb. .11¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .06
powd., bbls., bxs.....lb. .07 - .09
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Selma, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, O.....ton. 8.50 - —
Hannibal, Mo.....ton. 8.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonberg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms, same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
30-50 dms.....gal. .08½- —
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va western tier. Zone 4: West of Rocky Mountains, except southern California.

which makes up Zone 3. Zone 4: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .26 - .27
without leaves, bls.....lb. .18 - .19
Linseed, cake, bgs., export...ton.26.50 -27.00
Meal, 34%, bgs.....ton.37.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0660- —
dlvd., other points....lb. .0635- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash...lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07¼- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.99 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots .....lb. .05¾- —
ordinary, bgs., c.l., (20 tons) lb. .03¾- —
smaller lots .....lb. .04 - —
bbls., c.l., (20 tons).....lb. .04 - —
smaller lots .....lb. .04¼- —
titanated, bgs., c.l. (20 tons) lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons)....lb. .05½- —
smaller lots .....lb. .05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .20 - .21
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs. .....lb. .34 - .35
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09¼- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .34 - .36
import, bls. .....lb. .30 - .35
Lupulin, N. E., tins.....lb. 1.50 - 1.55
Lycopodium, cs. .....lb. 1.15 - 1.20

M

Mace, Banda, cs.....lb. .52 - .53
Batavia, cs.....lb. .32 - .33
Siauw, cs.....lb. .41 - .42
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs. .....lb. 1.60 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bgs. .....ton.56.00 -60.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots...lb. .53 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls. .....lb. .35 - .45
Leaves, bls. .....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09 - .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, lgt. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .06¼- .06½
Dioxide, African, battery, 84-87%, bgs. 28-40 tons, works..ton.54.50 - —
5-15 tons, works.....ton.57.50 - —
¼-4 tons, works.....ton.62.50 - —
300-600 lbs., works..ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton.49.25 - —
l.c.l., 5 tons, works, ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —

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Manganese Glyc.—Mica

Manganese, Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots..lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .83 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 6.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .29 Nom.
Resinate, fused, 5½%, bbls..lb. .06½- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .97 - .97½
cryst., 65%, MnSo4, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works..lb. .06½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton.25.00 -26.00
Manna flake, large, cs.....lb. .48 - .49
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. .95 - 1.00
commercial, cryst., bbls., ton lots, works..lb. .42 - —
smaller lots, works.....lb. .50 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .21 - .22
Tunisan, bls.....lb. .19 - .20
Chilean, bls. .....lb. .14 - .14½
Matico leaves, bls.....lb. .21 - .22
Menthol, USP, natural, cs.....lb. 2.85 - 2.95
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .85 - —
25 lbs.....lb. .87 - —
50%, pails, 50 lbs.....lb. 1.23 - —
25 lbs.....lb. 1.25 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.90 - 1.94
fib., dms., 100 lbs.....lb. 1.77 - —
jars, 25 lbs.....lb. 1.79 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.81 - 3.85
cns., 25 lbs.....lb. 3.70 - 3.75
fib., dms., 100 lbs.....lb. 3.70 - 3.75
yellow, bots., 5 lbs.....lb. 3.91 - 3.95
cns., 25 lbs.....lb. 3.80 - —
fib., dms., 100 lbs.....lb. 3.80 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.51 - —
USP, fib. dms., 50 lbs. or more..lb. 2.03 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.20 - —
fib., dms., 25 lbs.....lb. 1.17 - 1.22
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5¼x5¼ in..pkg. 1.70 - 1.90
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.14.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5¼ in.....pkg.22.50 -25.00
3⅜x5½ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs.....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 8c. higher on tanks and 4c. per gal. higher on drums, car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .28 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast .....gal. .42- —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt. alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4, ...gal. .605 - —

Methyl acetone, synth., tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4, ...gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 90-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.82
Methyl, salicylate, dms.....lb. .35 - .37
.....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .30 - —
Methylamyl ketone, dms., works, l.c.l..lb. .23 - —
smaller containers, same basis, lb. .28 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Melhylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .28
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 -
Metronite, pigment, 180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bags., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works. ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton..20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —

OUTSELLS
ALL OTHER BRANDS COMBINED
3 TO 1
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OIL OF LEMON
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Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

Mica, wet-grnd., paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex-whse. or frt alld., E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse. or frt. alld., E...lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls.,c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l. .....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03½- .03¾
early fortune, bgs.....lb. .02¼- .02⅝
hulled, bgs. .....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .04½- —
f.o.b., New Orleans....gal. .06¼- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .06
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., divd..lb. .65 - —
l.c.l., divd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs. .....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.0.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .75 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.00 - —
5 lbs. to 75 lbs.....lb. 3.25 - —
1 lb. .....lb. 3.40 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. .90 - —
5 lbs. to 75 lbs.....lb. 1.00 - —
1 lb. .....lb. 1.15 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .04¼- .04⅝
California, brown, bgs.....lb. .05⅝- .06½
Chinese, yellow, bgs.....lb. .05⅝- .06¼
Danish, yellow, bgs.....lb. .08⅞- .09¼
Dutch, yellow, bgs.....lb. .08½- .08⅞
English, yellow, bgs.....lb. .09½- .10
Roumanian, yellow, bgs...lb. .06⅝- .06¼
Myrobalans, J1, bgs., shpt...ton.24.00 - —
J2, bgs., shpt.....ton.19.00 - —
R2, bgs., shipt.....ton.16.75 Nom.
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works, 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
import, bgs., Atl. ports.100 lbs. 1.55 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05⅝- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .26 - .26½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works..lb. .28 - —
bronsing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ⅛, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.2158- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., divd.....unit-ton. 1.90 - —
f.o.b. Chemical, Ill., unit-ton. 1.90 - —
East Coast producing points, unit-ton.. 2.30 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs ..lb. .23 - —
Extract (see Gall extract).
Nutmegs 80s, bgs., cs.....lb. .18½- .19
110s, bgs., cs.....lb. .16¼- .16½
West Indian, bgs.....lb. .09¼- .09½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03⅝- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3 .....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .....lb. 1.90 - 2.00
s.p.a., bots. .....lb. 1.95 - 2.05
sweet, true, exp., cns.....lb. .55 - .56
Amber, crude, cns.....lb. .19 - .20
ref'd, cns. .....lb. .50 - .51
Amyris, cns. .....lb. 3.00 - 3.25
Angelica root, bots.....lb.40.00 -45.00
seed, bots. .....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .63 - .66
Apricot, kernels, cns.....lb. .28 - .32
Babassu, tanks.....lb. .05¾ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.05 - 1.10
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .15 - .18
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns.....lb. 1.45 - 1.50
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .44 - .46
USP IX, cns.....lb. .50 - .52
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 - .31
dms. .....lb. .28 - .29
white, cns.....lb. .36 - .37
dms. .....lb. .34 - .35
Cananga, native, cns.....lb. 1.05 - 1.25
rectified, cns.....lb. 1.50 - 1.80
Capsicum (oleoresin) N. F. VI, cns...lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.65 - 1.70
Cardamom, bots.....lb.12.50 -25.50
Cassia, USP, cns., dms.....lb. .88 - .96
Castor, blown, one-way dms., c.l..lb. .10¼- —
l.c.l. .....lb. .11 - —
medicinal, bbls., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
cns. (1-gal.), l.c.l.....lb. .12½- —
dms. (returnable), c.l....lb. .08¼- —
l.c.l. .....lb. .09¼- —
(5-gal.), l.c.l.....lb. .10¼- —
tanks .....lb. .08 - —
No. 3, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
dms. (returnable), c.l.....lb. .08 - —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07½- —
Castor oil, med. and No. 3 prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l., prices ¼c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
75% (63% fat), dms., c.l. lb. .08¾- —
l.c.l. .....lb. .09¾- —
80% (68% fat), dms., c.l..lb. .09¼- —
l.c.l. .....lb. .10¾- —
Cedarleaf, cs. .....lb. .60 - .62
dms. .....lb. .55 - .57
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .17 - .21½
Celery, bots.....lb. 6.50 - 6.75
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .22 Nom.
tanks .....lb. .21 Nom.
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .33 - .35
dms. .....lb. .31 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns....lb. .97 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .02¾- —
Pac. Cst.....lb. .02½- .02⅝
Coconut, edible, 76°, tax incl., dms. (returnable), c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
tanks .....lb. .07¾- —
Cod, Newfoundland, shipt., un-tanked..gal. .33 Nom.
Norwegian, shipt., bbls..gal. .29 - .32
Codliver, med., USP, bbls..bbl.21.00 -22.00
Coriander, bots.....lb.12.00 -12.50
Corn, crude, tanks, works...lb. .05 - .05½
refd., bbls.....lb. .07½- .07¾
Cottonseed, dom., cooking, bbls..lb. .07¾- —
salad, bbls. .....lb. .08 - —
import, Brazilian, semi-refd., bulk..lb. .03¼ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.10 - 1.15
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.60 - 3.75
Dip (see D).
Wrigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns. .....lb. .41 - .45
dms. .....lb. .38 - .42
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .80 - .85
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.05 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04¼- —
2, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .03⅞- —
Louisiana - Arkansas, 32-36, light straw..gal. .03¼- .03⅛
Oil, furnace, Oklahoma, 28-30.gal. .03 - —
32-36 .....gal. .03¾- .03¼
36-38 .....gal. .03⅝- .03⅜
38-40, straw .....gal. .03¾- .03⅝
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02⅞- .03¼
Oklahoma, bulk.....gal. .02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.35 - 3.00
Bourbon, cns. .....lb. 2.40 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns. .....lb. 1.50 - 1.75
Grapeseed, dms. .....lb. .40 - .60
Ginger, dist., bots.....lb. 4.00 - 4.50
Guaiac wood, concrete, bots..lb. 2.10 - 2.25
Haarlem, import, bots....gross. 3.15 - 3.25
Halibut-liver, dms., 1,000 A. unit..gal. .75 - 1.00
Hemlock, cns. .....lb. .65 - .70
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms..lb. .38 - .39
cns .....lb. .40 - .41
Lard, common, 1, bbls.....lb. .07¾- —
2, bbls. .....lb. .07½- —
extra, bbls. .....lb. .08¼- —
1, bbls. .....lb. .08 - —
Winter, strained, extra, bbls., lb. .08½- —
prime, burning, bbls.....lb. .09¼- —
prime, ined., bbls.....lb. .08¾- —
Laurel, bots.....lb. 4.50 - 5.00
Lavandin, cns., 25 lbs.....lb. 1.60 - 1.65
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.00
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.00
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.15 - 4.00
Lemongrass, native, cns., dms., lb. .88 - .90
Lime, dist., Mexican, cns....lb. 2.65 - 2.70
West Indian, cns.....lb. 3.00 - 3.10
expressed, cns. .....lb. 6.50 - 6.75
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, raw, bbls., c.l.....lb. .0840- .0880
l.c.l., 10 to 69.....lb. .0880- .0890
5 to 9.....lb. .0900- .0930
less than 5.....lb. .0920- .0950
tanks .....lb. .0780- .0820
boiled, .004 over raw..... — - —
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4¼, 15-25 pour, tanks..gal. .23 - —
200-210 E, 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600, 10-15 pour, tanks..gal. .18 - .20
25 pour, tanks..gal. .16 - .17
cylinder, 600 fire, tanks, gal. .08½- .10
600 flash, tanks.....gal. .11 - .12
630 flash, tanks.....gal. .13½- .14
635 fire, tanks.....gal. .09½- .11
650 fire, tanks.....gal. .10½- .11
Warren, E, amber, tanks, gal. .11 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks..gal. .15 - .15½
180 vis., 3 color, tanks..gal. .16 - .16½
200 vis., 2 color, tanks..gal. .17 - .17½
spot, Penna., bright, bbls., c.l., f.a.s.....gal. .22 - —
unfiltered, 600 s. r....bbls., f.a.s..gal. .15½- —
600 flash, s. r., bbls., c.l. gal. .17½- —
630 flash, bbls, c.l., f.a.s., gal. .20½- —
Warren, E., bbls., c.l., f.a.s., smaller lots, f.o.b....gal. .21 - —
Mace, dist, cns., dms.....lb. 1.12 - 1.15
Mandarin, superior, coppers..lb. 5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto..gal. .24 Nom.
refd., alkali, dms.....lb. .0590- —
tanks .....lb. .0530- —
refd., blown, dms.....lb. .0610- —
kettle-bodied, dms.....lb. .0710- —
light pressed, dms.....lb. .0530- —
tanks .....lb. .0470- —
Mineral, white (see Oil, white mineral).
Messina, USP, coppers.lb. 1.90 - 3.45
dist., natural, bots.....lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., extra, bbls.....lb. .14¾- —
1, bbls. .....lb. .08 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .08¼- —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli, bots. .....lb.85.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.12 - 1.15
Oiticica, dms.....lb. .17 - .18
Oleo, 1, bbls.....lb. .07½- —
2, bbls.....lb. .07 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal .80 - .81
edible, bbls.....gal. 1.75 - 2.00
foots, bbls. .....lb. .06¾- .06⅞
sulphonated, 50% (43% fat), dms., c.l...lb. .11¼- —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l...lb. .13½- —
l.c.l. .....lb. .14½- —
80% (68% fat), dms., c.l..lb. .14½- —
l.c.l. .....lb. .15½- —

Mica—Olivine

Oil, orange, sweet, dist., cs...lb. .50 - —
Expressed, African, cns., dms. lb. .80 - .85
Calif., cns.....lb. 1.10 - —
Messina, USP, coppers.lb. 1.90 - 3.00
West India, cns.....lb. 1.68 - 1.70
Origanum, cns. .....lb. .90 - 1.25
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. .03¾ Nom.
shipment .....lb. .03 - —
softs, 12½%, bulk, shipt....lb. .0250 Nom.
20%, bulk, shipt.....lb. .0245 Nom.
Sumatra, shipt., bulk.....lb. .0255 Nom.
Palmarosa, cns.....lb. 1.85 - 2.00
Palmkernel, bulk, shipt.....lb. .0345 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .03¾- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 110-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.35 - 6.50
Peanut, crude, dom., tanks..lb. .05 Nom.
refd., edible, bbls.....lb. .08¼- .08¾
Pennyroyal, dom., cns.....lb. 2.10 - 2.15
import, cns. .....lb. 2.05 Nom.
Peppermint, natural, cns., dms. lb. 2.10 - 2.35
redist., USP, cns., dms....lb. 2.25 - 2.50
Perilla, dms.....lb. .12½ Nom.
tanks .....lb. .12 - —
Petitgrain, Paraguay, cns...lb. .80 - .85
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns. .....lb. 2.25 - 2.30
Pine, dest.-dist., straw-color, dms., divd., E. ports....gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., E. Segunco, Richmond, Cal..gal. .22¼- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martines, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .81 - .82
Red, dist. or saponif. bbls., divd...lb. .07¾- .08¾
dms., divd.....lb. .07¼- .08¼
tanks, dlvd.....lb. .06½- —
white, dms.....lb. .10¾- .11¾
Rose, artif., bots.....oz. 2.00 - 3.00
natural, copp-trs.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 3.00 - 3.50
Sage, cns.....lb. 1.75 - 1.80
Sandalwood, E. I., USP, cns..lb. 4.50 - 4.95
Mysore, cns., case lots....lb. 19s 6d
Sardine, crude, tanks, Pac. Cst..gal. .22½ Nom.
refd., alkali, dms.....lb. .0590- —
tanks .....lb. .0530- —
kettle bodied, dms.....lb. .0710- —
light pressed, dms.....lb. .0530- —
tanks .....lb. .0470- —
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .90 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns. .....lb. 2.00 - 2.25
Sesame, refd., import, dms..lb. .09¼- .09¼
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works .....gal. .21 - —
tanks, works .....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .05¼- .05⅝
tanks .....lb. .04½- —
refd., dms.....lb. .06⅝- .06⅞
tanks .....lb. .05¾- —
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms....lb. .0990- .0990
45° dms.....lb. .0880- .0850
natural, dms. .....lb. .0780- .0800
Spruce, cns., dms.....lb. .70 - .90
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South, cns. .....lb. 1.45 - 1.50
Tall, crude, dms., c.l., works, ton.35.00 - —
l.c.l., works.....ton.40.00 -55.00
tanks, works .....ton.25.00 - —
refined, dms., c.l., works...lb. .04 - —
l.c.l., works .....lb. .04½- —
tanks, works .....lb. .03½- —
Tallow, acidless, bbls.....lb. .07¾- —
tanks .....lb. .07¼- —
Tansy, cns.....lb. 7.75 - 8.00
Tar, pine, cm'l, dms., c.l., divd., E. cities..gal. .26 - —
E. ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
Tar, pine, rectfd., USP, bbls., divd., E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .10¼- .10½
refined, dms.....lb. .11¼- .11½
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. 1.10 - 1.15
white, dms. .....lb. 1.15 - 1.25
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 3.50 -15.00
Walnut, crude, dms.....lb. .13 Nom.
refd., dms.....lb. .14 - .14½
Whale, refd., natural, dms..lb. .0710- .0730
winter, bleach, dms.....lb. .0750- .0770
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, dms., tech., 50-60 vis., dms.....gal. .40 - —
65-75 vis., dms.....gal. .42 - —
80-90 vis., dms.....gal. .43 - —
USP, 80-90 vis., dms....gal. .46 - —
95-105 vis., dms.....gal. .53 - —
125-135 vis., dms.....gal. .60½- —
140-150 vis., dms.....gal. .64 - —
175-185 vis., dms.....gal. .68½- —
200-210 vis., dms.....gal. .70½- —
320-330 vis., dms.....gal. .76 - —
335-345 vis., dms.....gal. .77 - —
Russian, 80-90 vis., dms., gal. .46 - —
145-155 vis., dms.....gal. .64½- —
175-185 vis., dms.....gal. .68½- —
335-345 vis., dms.....gal. .77 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.30 - 2.40
Wormwood, cns.....lb. 3.75 - 4.00
Ylang-ylang, Bourb., bots., cns. lb. 2.50 - 3.00
Manila, bots.....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.15.00 - —
20 mesh to dust.....ton.10.00 - —

AUG 1939 XUM

Opium—Petroleum

Opium, USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns	lb.	12.50	-13.50
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½	-
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Colo., Mont., N.M., Wyo.	lb.	.10¾	-
Other points	lb.	.10¾	-
smaller lots, dlvd., Ala., etc.	lb.	.11	- —
Ariz., etc.	lb.	.11½	-
Colo., Mont., N. M., Wyo.	lb.	.11¼	-
Other points	lb.	.10¾	-
French, Tours, casks, ex dock.	lb.	.13½	-
kgs., ex dock	lb.	.14½	-
Molybdate, bbls.	lb.	.81	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.35	- .37
Orange peel, bitter, bls.	lb.	.08	- .09
sweet, bls.	lb.	.11	- .12
Orris root, Florentine, bgs.	lb.	.10	- .11
fingers, cs.	lb.	.85	- .90
powd., bbls., bxs.	lb.	.12	- .13
Verona, bls.	lb.	.08	- .09
powd., bxs., cs.	lb.	.12	- .13
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloranilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.82	- —
Orthocresol, dms., c.l., works.	lb.	.16½	- —
l.c.l., same basis	lb.	.17½	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis	lb.	.05½	—
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls.	lb.	.06	- —
51°, bbls.	lb.	.09	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.95	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

P

Papain, powd., cs.	lb.	1.10	- 1.15
Paprika, Hungarian, extra fancy, bgs.	lb.	.29	- .29½
medium, bgs.	lb.	.27	- .27½
Portuguese, extra fancy, bgs.,	lb.	.28	- .29
fancy, bgs.	lb.	.27	- .28
Spanish, extra fancy, cs.	lb.	.33	- .34
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.0280	- .0295
bbls., c.l., N. Y.	lb.	.0290	- .0295
Paraffin, crude, 124-126 A.m.p., bgs., c.l., Okla., refy,	lb.	.0285	- .03
bbls., c.l., N. Y.	lb.	.0290	- .03
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0290	- .0295
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾	- —
loose, c.l.	lb.	.0355	- —
125-127 A.m.p., bgs., c.l.	lb.	.0390	- —
loose, c.l.	lb.	.0370	- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0400	- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0435	- —
133-135 A.m.p., bgs., or loose, cl.	lb.	.0465	- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0490	- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0565	- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0650	- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.0850	- —

Refined paraffin prices in cases are 1½c. lb. higher than bags price; sold in tankcars is .05c. lower.

match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½	- .02¾
semirfd., solid., 122-124 A.m.p., bgs.	lb	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis.	lb.	.35	- —
Paraldehyde, tech., 99% 55 and 100 gal. dms., c.l., works.	lb.	.1C	- —
l.c.l., works	lb.	.11½	- —
5 and 10 gal. dms., works.	lb.	.15	- —
USP, cs., obys.	lb.	.37	- .45
Paranitroanilin, kgs., works.	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.15	- .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.18	- .20
Pellitory root, bls.	lb.	.13	- .14
Pennyroyal leaves, bls.	lb.	.13	- .14
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½	-
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
Pepper, black, Alleppey, bgs.	lb.	.07¼	- .07½
Lampong, bgs.	lb.	.03¾	- .03½
Tellicherry, bgs.	lb.	.07½	- .07¾
Red, chillies, Japan, Hontaka.	lb.	.17½	- .17½
Mombassa, bgs.	lb.	.24	- .25
White, Java, Muntok, bgs.	lb.	.07¼	- .07½
Saigon, bgs.	lb.	.06¾	- .07
Peppermint leaves, dom., bls.	lb.	.23	- .25
import, bls.	lb.	.40	- .45
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.06	- —
l.c.l., same basis	lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½	- —
l.c.l., same basis	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —
Zone 4, dms., c.l., f.ob., stock points.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Mo., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.66	- .68
Petrolatum, amber, dms., c.l.	lb.	.02¾	- —
l.c.l.	lb.	.03¼	- —
amber, extra, dms.	lb.	.02¾	- —
l.c.l.	lb.	.04	- —
veterinary, dms., c.l.	lb.	.02½	- —
white, cream, dms., c.l.	lb.	.04¼	- —
l.c.l.	lb.	.05¾	- —
lily, dms., c.l.	lb.	.05¼	- —
l.c.l.	lb.	.06¾	- —
snow, dms., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.07¾	- —
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .86
Athens	bbl.	.84	- 1.09
Belridge	bbl.	.70	- 1.23
Buena Vista Hills	bbl.	.70	- 1.88
Canal-Gresely	bbl.	.91	- 1.66
Coalinga	bbl.	.70	- .96
Coyote Hills (West)	bbl.	.78	- 1.23
Dominguez	bbl.	.79	- 1.09
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.25
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.23
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.33
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway-Sunset (except Lakeview).	bbl.	.70	- 1.33
Montebello	bbl.	.77	- 1.75
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .96
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.78	- 1.09
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.43
Santa Maria	bbl.	.63	- .70
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.76	- 1.21
Canada:—			
Oil Springs	bbl.	1.97	- —
Petrolia	bbl.	1.90	- —
Central West:—			
Illinois	bbl.	.53	- 1.05
Lima	bbl.	.90	- —
Western Michigan	bbl.	.88	- —
Princeton	bbl.	1.05	- —
East Texas	bbl.	.90	- 1.10
Gulf Coast:—			
Barber's Hill	bbl.	.79	- 1.16
Batson	bbl.	.74	- 1.04
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.79	- 1.16
Goose Creek	bbl.	.71	- 1.28
Hull	bbl.	.74	- 1.04
Humble	bbl.	.74	- 1.04
Liberty	bbl.	.79	- 1.16
Markham	bbl.	.90	- 1.20
Orange	bbl.	.79	- 1.16
Pettus	bbl.	1.28	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet).	bbl.	.79	- 1.38
Saratoga	bbl.	.74	- 1.04
Sour Lake	bbl.	.74	- 1.04
Spindle Top	bbl.	.74	- 1.04
Sugarland	bbl.	.71	- 1.28
West Columbia	bbl.	.71	- 1.13
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.02	- 1.12
Kentucky river	bbl.	1.10	- 1.20
Western Kentucky (Owensboro).	bbl.	1.10	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.78	- 1.08
Caddo	bbl.	.53	- 1.00
Cameron Meadows	bbl	.74	- 1.18
Choctaw	bbl.	.60	- 1.20
Cotton Valley	bbl.	.53	- 1.05
Darrow	bbl.	.60	- 1.20
De Sota	bbl.	.53	- 1.05
Dorado	bbl.	.78	- 1.08
Haynesville	bbl.	.53	- 1.05
Homer	bbl.	.53	- 1.05
Iowa	bbl.	.74	- 1.13
Lockport	bbl.	.74	- 1.18
Magnolia	bbl.	.43	- 1.05
Miller County	bbl.	.43	- 1.05
Pine Island	bbl.	.73	- 1.09
Rainbow	bbl.	.78	- 1.08
Rodessa	bbl.	.53	- 1.05
Smackover	bbl.	.60	- .73
Tepetate	bbl.	1.05	- —
Urania	bbl.	.89	- —
Mexico, f.o.b. terminals			

Admit One

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SHELL NAPHTHAS

Petroleum, crude, at wells, bulk, Louisiana - Arkansas, Mexican post — based on contract:—
Panuco ..... bbl. No prices
Tuxpan ..... bbl. No prices
Midcontinent:—
North Texas ..... bbl. .51 - 1.10
Oklahoma-Kansas .... bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany .... bbl. 2.00 - —
Corning ..... bbl. 1.62 - —
Pennsylvania grade, in Buckeye lines.. bbl. 1.55 - —
Eureka lines..... bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines.. bbl. 1.65 - —
lower district in National Transit lines.. bbl. 1.88 - 1.93
Rocky Mountain:—
Big Muddy ..... bbl. .98 - —
Canon City-Florence... bbl. .90 - —
Cat Creek ..... bbl. 1.10 - —
Dutton Creek ..... bbl. .86 - 1.10
Elk Basin ..... bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.06
Frannie, light ..... bbl. .45 - .53
Grass Creek, light ..... bbl. .90 - —
Iles ..... bbl. .82 - .96
Lance Creek ..... bbl. .77 - —
Lander ..... bbl. .51½- —
Midway ..... bbl. .96 - 1.10
Rock Creek ..... bbl. 1.00 - —
Salt Creek ..... bbl. .96 - 1.10
Sunburst ..... bbl. 1.30 - —
Torchlight ..... bbl. 1.30 - —
South Central and Southwestern Texas:—
Cass County ..... bbl. .73 - 1.06
Cleveland-Liberty .... bbl. 1.14 - —
Conroe ..... bbl. 1.27 - —
Darst Creek ..... bbl. .96 - —
Hardin-Liberty ..... bbl. 1.00 - 1.03
Luling ..... bbl. .97 - —
Lytton Springs ..... bbl. .90 - —
Mirando, (incl. Duval), bbl. .74 - 1.23
Panola County ..... bbl. .73 - 1.03
Salt Flat ..... bbl. .96 - —
Tomball ..... bbl. .95 - 1.41
Van ..... bbl. .93 - —
West Beaumont ..... bbl. .70 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County ..... bbl. .73 - 1.06
West Texas:—
Artesia, N. M. ..... bbl. .61 - .88
Crane ..... bbl. .41 - .95
Crockett ..... bbl. .41 - .95
Ector ..... bbl. .41 - .95
Eddy (N. M.) ..... bbl. .41 - .95
Howard ..... bbl. .41 - .95
West Texas, Jackson, N. M. bbl. .61 - .85
Jackson, N. M. ..... bbl. .61 - .85
Lea, N. M. ..... bbl. .41 - .95
Maljamar, N. M. ..... bbl. .61 - .85
Mitchell ..... bbl. .53 - .96
Pecos ..... bbl. .41 - .95
Upton ..... bbl. .41 - .95
Winkler ..... bbl. .41 - .95

Ether, 30-60° dms., c.l., G.3, gal. .14 - —
l.c.l., G.3 ..... gal. .25 - —
tanks, G.3 ..... gal. .13 - —
30-90°, dms., l.c.l., G.3 .... gal. .30 - —
40-75°, dms., c.l., G.3 .... gal. .14 - —
l.c.l., G.3 ..... gal. .25 - —
tanks, G.3 ..... gal. .13 - —
laboratory grade, dms., c.l., G.3 .. gal. .14 - —
c.l., G.3 ..... gal. .25 - —
10-gal. lots, G.3 ..... gal. .50 - —

Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles .. gal. .11 - —
San Francisco .. gal. .11½- —
f.o.b. Richmond .... gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
East Coast, tanks ..... gal. .09 - —
Group 3, tanks ..... gal. .07½- .07½

Naphtha, cleaners', at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .06½- .06½
tankwagon, Boston, ex tax. gal. .13 - —
Bridgeport ..... gal. .13½- —
Chicago, inc. 4c. tax.. gal. .17½- —
Decatur, inc. 4c. tax.. gal. .186 - —
Des Moines, inc. 4c. tax. gal. .184 - —
Evansville, inc. ex tax. gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .20 - —
Newark, ex tax ..... gal. .10 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Oklahoma City, ex tax. gal. .16 - —
Philadelphia, ex tax... gal. .11½- —
St. Louis, inc. 1c. tax. gal. .15 - —
Syracuse, 150 gals ..... gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans .. gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway ..... gal. .15 - —
2, over 90% arom., same basis .. gal. .16 - —
3, tanks, f.o.b. Paulsboro, N.J .. gal. .13 - —
30, same basis ..... gal. .14½- —
40, same basis ..... gal. .14½- —

v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo .. gal. .11 - —
Richmond .. gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd., Los Angeles gal. .10 - —
54-57 i.b.p., 310 e.p., tanks, dlvd., San Francisco .. gal. .10½- —
Portland, Seattle ..... gal. .11 - —
East Coast, tanks .... gal. .09 - —
Group 3, tanks ..... gal. .06½- .06½
tankwagon, Boston, ex tax. gal. .13 - .14
Chicago, inc. 4c. tax.. gal. .163½- —
Des Moines, inc. 4c. tax. gal. .184 - —
Decatur, inc., 4c. tax.. gal. .186 - —
Evansville, Ind., ex tax. gal. .147 - .157
Milwaukee, inc. 5c. tax. gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .20 - —
Newark, ex tax ..... gal. .11 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Philadelphia, ex tax... gal. .12½- —
St. Louis, inc. 1c. tax. gal. .15.2- —

solvent, rubber, at refinery, East Coast, tanks .. gal. .09 - —
Group 3 light, 120 i.b.p., 250 e.p., tanks .. gal. .06½- .06½
standard, 180 i.b.p., 288 e.p., tanks .. gal. .06½- .06½

Stoddard (CS 3-38), at refinery:—
East Coast, tanks ..... gal. .06½- —
Group 3, tanks ..... gal. .05½- .06
tankwagon, Boston, ex tax.. gal. .12½- .13½
Chicago, inc. 4c. tax.. gal. .150 - —

Petroleum, solvent, Stoddard, tankwagon, Decatur, inc. 4c. tax.. gal. .181 - —
Des Moines, inc. 4c. tax. gal. .179 - —
Evansville, Ind., ex tax. gal. .135 - .145
Milwaukee, inc. 5c. tax. gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .177 - —
Newark, ex tax ..... gal. .09 - —
New Orleans, ex tax... gal. .11 - —
New York, ex tax ..... gal. .09 - —
Omaha ..... gal. .131 - .14
Philadelphia, ex tax... gal. .10½- .12½
St. Louis, inc. 1c. tax.. gal. .129 - —
Tulsa, ex tax ..... gal. .10 - .11

thinners, at refinery:—
California, 34, 225 i.b.p., 390 e.p., low aviltin, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles.. gal. .15 - —
Portland, Ore ..... gal. .16 - —
Richmond ..... gal. .14½- —
Seattle, Wash .... gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond ..... gal. .10 - —
Southern Calif .... gal. .09½- —
86, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore .... gal. .13 - —
Richmond ..... gal. .11½- —
Seattle, Wash .... gal. .12 - —
East Coast, 43-47, tanks. gal. .08¼- —
47-49, tanks ..... gal. .09½- .10
New Jersey, tanks ..... gal. .08½- —
Group 3, tanks ..... gal. .05½- .06½
tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.).. gal. .12½- .13½
25-99 gals ..... gal. .12½- .15½
Boston ..... gal. .13 - —
Bound Brook, North Amboy, N. J.. gal. .11½- .13½
Bridgeport, Conn.... gal. .11 - —
Buffalo ..... gal. .15 - —
Camden, N. J ..... gal. .10 - .13
Chicago ..... gal. .162 - —
Decatur, Ill ..... gal. .176 - —
Des Moines ..... gal. .174 - —
Evansville, Ind ..... gal. .137 - .147
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul.. gal. .19 - —
Newark ..... gal. .09 - —
New York (200 gals.).. gal. .09 - —
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .10 - .12
Pittsburgh ..... gal. .11½- .13½
Providence ..... gal. .11½- —
Rochester ..... gal. .12 - —
St. Louis ..... gal. .142 - —
Syracuse ..... gal. .12½- —
Trenton ..... gal. .10 - —
Wilmington, Del. .... gal. .10 - .12

Phenobarbital, 5-lb. bots ..... lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract.. lb. 3.60 - —
25-lb. cns. ..... lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald.. lb. .13 - —
l.c.l., same basis ..... lb. .13¾- —
under 1,000 lbs ..... lb. .14¾- —
tanks, works ..... lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.. lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots.. lb. .80 - —
100-lb. fib., dms ..... lb. .82 - —
25-lb. dms. ..... lb. .87 - —
50-lb. kgs. ..... lb. .84 - —
Phenyl chloride, dms ..... lb. .17 - —
Phenylacetaldehyde, bots ..... lb. 2.10 - 2.50
Dimethylacetate, cns ..... lb. 14.50 -15.00
Phenyl ethyl acetate, cns. .. lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works.. lb. 4.00 - —
commercial, kgs., works.. lb. 1.50 - —
pure, bbls., works ..... lb. 2.25 - —
Phlorogiucinol, CP, tins, works. lb. 20.00 -22.00
tech., tins, works ..... lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.. long ton. 4.35 - —
land pebble, 68% min., bulk, mines.. long ton. 1.90 - —
land pebble, 70% min., bulk, mines.. long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines.. long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines.. long ton. 5.50 - —
Phosphorus, red, cs ..... lb. .40 - .44
yellow, dms ..... lb. .18 - .20
cases ..... lb. .23 - .25
Oxychloride, cyls ..... lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks ..... lb. .13 - .14
Sesquisulphide, cs ..... lb. .38 - .42
Trichloride, cyls ..... lb. .15 - .16
Phthalamide, bbls., works, tons. lb. .35 - —
single bbls., works ..... lb. .40 - —
kgs., works ..... lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.. lb. .14½- —
l.c.l., same basis ..... lb. .15½- —
Pichi leaves, bgs ..... lb. .16 - .17
Pilocarpine hydrochloride, bots., vis.. oz. 2.25 - 2.35
Nitrate, bots., vis ..... oz. 1.75 - 2.00
Pimento, bgs. ..... lb. .15 - .15½
Pinkroot, bls ..... lb. .31 - .32
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works.. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron.. ton. 23.75 -24.00
Linseed, dms ..... lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls ..... bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls... lb. .14 - .16
western, bls. ..... lb. .10½- .11
Podophyllin, dms., dlvd., E. of Miss.. lb. 4.50 - 4.70
Poke root, bls. ..... lb. .07 - .07½
Pomegranate bark, bgs ..... lb. .16 - .17
Root bark, bgs ..... lb. .25 - .26
Poppy flowers, red, bls ..... lb. .85 - .90
Seed, Dutch, bgs ..... lb. .07½- .07½
Polish, bgs. ..... lb. .06¾- .07½
Potash abietate ..... lb. .08 - —
Acetate, tech., bbls., dlvd.. lb. .26 - —
kgs., dlvd ..... lb. .28 - —
USP, bbls., 250 lbs ..... lb. .28 - —
kgs., 100 lbs ..... lb. .30 - —
cns., 25 lbs ..... lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs.. lb. .11 - —
demj., 50 lbs ..... lb. .12 - —
Bicarbonate, USP, cryst., bbls.. 300 lbs.. lb. .15 - —
kgs., 100 lbs ..... lb. .17 - —
gran., bbls., 250 lbs ..... lb. .15 - —
kgs., 100 lbs ..... lb. .17 - —
Bichromate, spot, c.l., works. lb. .08¾- —
6 casks or 10 bbls., or over, works.. lb. .09 - —
5 casks or 9 bbls., or less, works.. lb. .09¼- —

Potash, bromide, USP, gran., bbls., 500 lbs.. lb. .31 - —
fib., dms., 100 lbs ..... lb. .32 - —
Carbonate, calc., dms., c.l., works.. lb. .06½- —
l.c.l., same basis ..... lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works.. lb. .05½- —
l.c.l., same basis ..... lb. .05¾- —
liquid, dms., c.l., dlvd ..... lb. .03 - —
l.c.l., dms ..... lb. .03½- —
tanks, dlvd ..... lb. .0287¼- —
USP, gran., bbls., 325 lbs.. lb. .13½- —
powd., bbls., 325 lbs ..... lb. .19 - —
kgs., 100 lbs ..... lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works.. lb. .07 - —
l.c.l. ..... lb. .07¼- .07½
import, dms ..... lb. .07 - .07½
liquid, 45% basis, dms ..... lb. .03¼- .03¾
tanks ..... lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works.. lb. .06¼- —
l.c.l. ..... lb. .06¾- .06¾
import, dms ..... lb. .06¼- .06¾
Chlorate, cryst., kgs ..... lb. .09¼- .09¾
gran., kgs ..... lb. .12 - .13
powd., kgs ..... lb. .06½- .09
Chloride, tech., 98%, cryst., bgs., kgs.. lb. .04 - .06
Chromate, kgs ..... lb. .34 - .37
Citrate, USP, gran., bbls., 250 lbs.. lb. .33½- —
kgs., 100 lbs ..... lb. .34½- —
cns., 50 lbs ..... lb. .35½- —
cns., 25 lbs ..... lb. .37½- —
Cyanide, cns., dms ..... lb. .50 - .55
Cyanide, gold, 41% gold, bots., works.. oz. 14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots.. lb. .90 - —
100-lb. lots ..... lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns ..... lb. 1.15 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots.. lb. 1.60 - 1.65
cns., 25 lbs ..... lb. 1.75 - —
Hydroxide, USP, sticks, cns.. 100 lbs. .80½- .82
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs ..... lb. .75 - —
Iodate, bots., 5 lbs ..... lb. 3.31 - 3.35
cns., 25 lbs ..... lb. 3.20 - —
Iodide, bbls., 250 lbs ..... lb. 1.13 - —
bots. or cns ..... lb. 1.22 - 1.43
dms ..... lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f. ports.. ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports ..... unit-ton. .53½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .55½- —
Metabisulphite, kgs. ..... lb. .11 - .13½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $3 per ton higher than bulk price.
Oxalate, pure, cryst., kgs .... lb. .30 - .31
tech., bbls ..... lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works ..... lb. .09 - .10½
Permanganate, tech., dms... lb. .18½- .19
Prussiate, red, bbls ..... lb. .30½- .34
Yellow, bbls. ..... lb. .14 - .15
Ricinoleate, tech., bbls ..... lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs.. lb. .13 - —
kgs., 100 lbs ..... lb. .15 - —
powd., bbls., 350 lbs ..... lb. .14 - —
kgs., 100 lbs ..... lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports.. ton. 36.25 - —
l.c.l. ..... lb. .13½- —
Xanthate, dms., c.l ..... lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipa, ton. 24.75 - —
Potash-titanium oxalate, kgs... lb. .35 - .40
Prickly ash bark, bls ..... lb. .12 - .15
Berries, bgs., to arrive ..... lb. No stocks
Prince's pine herb, bls ..... lb. .15 - .16
Propane, tanks, G.3 ..... gal. .08 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls ..... lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.. lb. .03 - —
less than 3, works .... lb. .03½- —
F and 1, bbls., 3 or over, works.. lb. .03½- —
less than 3, works .... lb. .04 - —
O, O-½, O-¾, and ¾ bbls., less than 3, works .... lb. .04½- —
3 or over, works .... lb. .04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y... ton. 32.65 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse.. ton. 38.70 - —
2 bgs., to 1,000 lbs., ex whse, ton. 40.70 - —
single bgs., ex whse. ton. 45.70 - —
Pumpkin seed, bgs ..... lb. .09 - .10
Purple lake (see Red).
Putty, com'l, dms ..... 100 lbs. 6.00 - —
linseed oil, raw, dms .... 100 lbs. 4.50 - —
refined, dms. ..... 100 lbs. 5.00 - —
standard, dms. ..... 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless.. gal. 7.15 - 7.50
basis (30 to 1) 2.0% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless.. gal. 10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over.. lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld.. lb. .35 - .37
Pyridin, denaturing, dms .... gal. 1.63 - —
refd., 2°, dms ..... lb. .50 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins.. lb. 2.15 - 2.40
resublimed, fib. dms., tins.. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines.. ton. 9.00 - —
325 mesh, same basis .... ton. 12.00 - —
No. 3, 200 mesh c.l. mines. ton. 7.50 - —
325 mesh, same basis .... ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works.. lb. .12 - —
black, cs., works ..... lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works.. lb. .10 - —
gray, cs., works ..... lb. .08 - —
mixed, mottles, opaque, cs., works.. lb. .04 - —
shell-demi, cs., works .... lb. .12 - —
translucent pastels, cs works.. lb. .10 - —

Petroleum—Red, Orange

Pyroxylin, scrap, china, shell-demi, transparent, cs., works.. lb. .20 - —
colors, cs., works ..... lb. .12 - —
shavings, amber, cs., works.. lb. .16 - —
colors, mixed, cs., works. lb. .10 - —
white, cs., works ..... lb. .15 - —

Q

Quassia chips, bls ..... lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works.. lb. .03¾- —
tanks, works ..... lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty.. lb. .04 - —
clarified, 64%, bgs., c.l., same basis.. lb. .04¼- —
Queen of the meadow leaves, bgs.. lb. .07 - .08
Root, bgs ..... lb. .08 - .09
Quercitron, extract, liquid, 51°, bbls.. lb. .07½- .08½
solid, dms ..... lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N. Y... flasks. 82.00 - 84.00
European, flasks, (76 lbs. net) in bond.. flasks. 78.00 - —
Quince seed, bgs ..... lb. .55 - 1.10
Quinidine, cryst., small, cns.. oz. .90 - —
large, cns ..... oz. .98 - —
powd., precip., cns ..... oz. .91 - —
Sulphate, cns ..... oz. .67 - —
Quinine, 100 ozs., cns ..... oz. .76 - —
Acetate, cns ..... oz. .99 - —
Arsenate, cns ..... oz. .92 - —
Arsenite, cns ..... oz. 1.01 - —
Bisulphate, cns ..... oz. .54 - —
Citrate, cns ..... oz. .72 - —
Dihydrobromide, bots ..... oz. .75 - —
Dihydrochloride, bots ..... oz. .75 - —
Ethylcarbonate, cns ..... oz. .75 - —
Ferrocyanide, cns ..... oz. 1.01 - —
Formate, cns ..... oz. .94 - —
Glycerophosphate, cns ..... oz. 1.14 - —
Hydrochloride, cns ..... oz. .68 - —
Hydrochlorosulphate, cns .... oz. .75 - —
Hydrolodide, cns ..... oz. .99 - —
Hypophosphite, cns ..... oz. .99 - —
Phosphate, cns ..... oz. .82 - —
Salicylate, cns ..... oz. .73 - —
Sulphate, USP, X, cns ..... oz. .54 - —
USP, XI, cns ..... oz. .61 - —
Sulphocarbolate, cns ..... oz. .97 - —
Tannate, cns ..... oz. .57 - —
Tartrate, cns ..... oz. .97 - —
Valerate, cns ..... oz. .93 - —
Quinine-urea hydrochloride, cns. oz. .75 - —

R

R. salt, dry, bbls ..... lb. .55 - —
paste, dms ..... lb. .53 - —
Rapeseed, Belgian, bgs ..... lb. .0685- .0695
Dutch, black, bgs ..... lb. .06¼- .06½
red, bgs ..... lb. .07¼- .07¾
Japanese, bgs ..... lb. .05¾- .06
Raspberries, dried, bls ..... lb. .45 - .50
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.. lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld.. lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
Red, cadmium, lithopone, light shade, bbls., ton lots, same basis.. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis.. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis.. lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis.. lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
medium shade, kgs., smaller lots, same basis.. lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works ..... lb. 2.25 - —
Orange, bbls., 100-lb. lots, works.. lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.50 - —
dms., 500-lb. lots ..... lb. 4.35 - —
100-lb. lots ..... lb. 4.45 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls ..... lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y... lb. .08¾- —
80%-85%, bbls., same basis. lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts. lb. 1.10 - —
open order ..... lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs... lb. .62 - —
open order ..... lb. .67 - —
Rose lake, bbls ..... lb. .20 - .23
Pink, bbls ..... lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake.. lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.56 - —
Metallic, bbls., Pa., works... lb. .02 - —
Orange, Persian (see O).

"I put the responsibility for new container ideas up to the people best suited for the job. That's the only way! It takes long study to develop container improvements. It takes skill and intense interest. American Can Company has all that—plus the ability to work hand in glove with us. That's why I've been their customer for years—and why I'm first with new container ideas!"

CANCO AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.

Red, oxide, pure, bbls., c.l., works..lb. .08½- —
l.c.l., works .....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lo. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. 1.48 - —
smaller lots.....lb. 1.51 - 1.55
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.81 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bxs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb root, cs.....lb. .43 - .45
powd., bbls., kgs..lb. .48 - .50
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .44 - .45
red, bls.....lb. 2.00 - 2.10
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 5.15 - —
D, bbls.....280 lbs. 5.15 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.55 - —
G, bbls.....280 lbs. 5.85 - —
H, bbls.....280 lbs. 6.17½- —
I, bbls.....280 lbs. 6.20 - —
K, bbls.....280 lbs. 6.20 - —
M, bbls.....280 lbs. 6.20 - —
N, bbls.....280 lbs. 6.30 - —
W. G., bbls.....280 lbs. 6.85 - —
W. W., bbls.....280 lbs. 7.30 - —
X, bbls.....280 lbs. 7.30 - —
Rosin, wood, bbls.....280 lbs. 4.10 - 5.75
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
import, lump, bbls.....lb. .14 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .21 - .22
Saffron, Mexican, bls.....lb. .25 - .26
Spanish, tins.....lb.28.00 -29.00
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls. .....lb. .06½- .06¾
Safrol, cns.....lb. .52 - .53
dms. .....lb. .49 - .50
Sago flour, bgs.....lb. .02½- .03½
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs.,c.l. dlvd., N.Y...ton.14.00 - —
l.c.l., dlvd. N.Y.....ton.15.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.110.00 -115.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras,bls.lb. .35 - .36
Mexican, bls. .....lb. .15 - .16
Sassafras, bark, ord., bls.....lb. .12 - .13
select, bls. .....lb. .18 - .20
Savory, bbls. .....lb. .07½- .07¾
Saw palmetto berries, bgs....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots .....lb. .15½- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots .....lb. .15¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .55 - .56
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls. .....lb. .00 - .03½
Tinnevelly, No. 1, bls....lb. .10 - .11
2 bls. .....lb. .07½- .08
3 bls. .....lb. .05 - .05½
powd., bbls., bxs.....lb. .09 - .10
Pods, bls. .....lb. .05½- .06
Serpentaria root, bls.....lb. .67 - .68
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .18 - .19
dlvd. Boston .....lb. .18½- .19¼
Chicago .....lb. .18¾- .19¾
Pacific Coast.....lb. .21 - .22
Shellac, bonedry, refd., bbls., f.o.b., N. Y..lb. .25 - —
dlvd. Boston .....lb. .23½- —
Chicago .....lb. .25¾- —
Pacific Coast .....lb. .28 - —
Garnet, bgs.....lb. .12½- .16
Orange, D.C., VSO., Diamond I, cases..lb. .19 - .20
Superfine, bgs., f.o.b. Bost., N. Y..lb. .10 - .10½
dlvd. Chicago .....lb. .10½- .11
Pacific Coast.....lb. .13 - .13½
T.N., bgs., f.o.b. Bost., N. Y. lb. .09½- .10
dlvd. Chicago.....lb. .10 - .10½
Pacific Coast.....lb. .12½- .13
varnish, orange, 5-lb. cut., bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .39¾- —
Govt., purchase, dom., metal. oz. .7111- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. .34¾- —
1,000 ozs.....oz. .35 - —
500 ozs.....oz. .35½- —
80 to 100 ozs.....oz. .35½- —
Nitrate, vis.....oz. .29¾- .32½
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
simarubra bark, bls.....lb. .26 - .28
skatol, bots. .....lb.75.00 -80.00
Skullcap, Eastern, bls... ....lb. .16 - .17
Western, bls. .....lb. .14 - .17
skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works .....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts. .....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls. .....lb. .10¼- .12
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .13 - .14
powd., bbls. .....lb. .15 - .16
Soda, acetate, anhyd., dms., dlvd. lb. .08¼- .10
flake, gran., powd., 80%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls. .....lb. .11¼- .12
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07¼- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11¼
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
sesq., c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to E. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Soda, bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼ .13
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
66 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
44 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .08¾- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23¼
kgs., 100-lb. lots.....lb. .19¼- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .30
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 32-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
98%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .23
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt., equal'd, 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 2.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 2.90
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks...100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works..100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.50
dms., wks.....100 lbs. 3.60 - 3.80
less than 500 lbs., bgs. wks., 100 lbs. 3.70 - 3.90
bbls., wks.....100 lbs. 3.90 - 4.10
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.50 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 2.15 - —
l.c.l., works.....100 lbs. 2.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs. .....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —

Red, Oxide—Stillingia Rt.

Soda, nitrate, crude, c.i., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment, ton.29.00 - —
200-lb. bgs., same basis.ton.26.80 - —
bulk, same basis.....ton.27.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized.lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .09 - —
l.c.l. .....lb. .09¾- .11¾
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.55 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.75 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.00 - —
c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11½- .14
Picramate, kgs.....lb. .05 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .00¾- —
contracts .....lb. .09 - —
smaller lots.....lb. .09¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .04 - .04¼
import, bbls.....lb. .03½- .04
Stannate, dms.....lb. .32 - .35
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech, kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .11¼- —
l.c.l., works .....lb. .12 - —
Sparteine sulphate, cns.....oz. 1.60 - 1.80
Spearmint leaves, bls.....lb. .10 - .12
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01¼- —
powd., super, bgs, c.l., works. lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01¼- —
Squawvine leaves, bls.....lb. .11 - .12
Squill, red, bls.....lb. .14 - .15
white, bls. .....lb. .06½- .07
powd., bbls., bxs.....lb. .15 - —
St. Ignatius beans, bgs.....lb. .40 - .42
St. John's bread, edible, bls., lb. .07 - .07½
inedible, bls. .....lb. .05 - .06
Starch, corn, pearl bgs., f.o.b. Chicago...100 lbs. 2.55 - 2.85
dlvd., N. Y.....100 lbs. 2.90 - 3.10
powd., bgs., f.o.b. Chicago, 100 lbs. 2.65 - 2.85
dlvd., N. Y.....100 lbs. 3.00 - 3.20
Potato, dom., bgs.....lb. .04 - .05
import, bgs. .....lb. .06 - .06
Rice, bbls. .....lb. .06¾- .07½
Wheat, thick boil, bgs.....lb. .05 - —
Stavesacre seed, bgs.....lb. .15 - .16
Stearin, oleo, bbls.....lb. .05¾- —
Stillingia root, bls.....lb. .07 - .07½

Stoneroot—Xylidin

Stoneroot, bls.....lb. .07 - .07½
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .12 - .13
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls.....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.25 - 1.30
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .43 - —
powd., cns., 100-oz. lots, oz. .33 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb., bots....lb. 1.40 - —
25-lb., dms., 1,000 lbs., 1 delivery, lb. 1.00 - —
100 lbs.....lb. 1.05 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia parts, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works.....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.20 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.60
light, bgs., c.l., works 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works..100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99¼%, c.l. frt., alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .09 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 2.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.66.00 - —
leaf, bls.....ton.69.00 - —
Extract, 42°, bbls.....lb. .03½- —
51° bbls.....lb. .04½- —
stainless, bbls.....lb. .06½- .09¼
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .03¾- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Baltc. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-46%, a.p.a. bulk, f.o.b. Baltc..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 95-96%, 325 mesh bgs., c.l., mills, ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
98-99%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Talc, dom., Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canada, bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival, ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible.....lb. .04½ Nom.
extra, loose.....lb. .04¾- —
special, loose.....lb. .04¼- —
vegetable, ship, cs.....lb. .06½ Nom.
sulphonated, 33% (24% fat), dms., c.l..lb. .03¾- —
l.c.l. .....lb. .04¾- —
50% (43% fat), dms., c.l., lb. .05¼- —
l.c.l. .....lb. .06¼- —
50% (43% fat), dms., c.l..lb. .05¾- —
l.c.l. .....lb. .06¾- —
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 2.75 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 2.95 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.25 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Sept. shipt., unit-ton. 3.00 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02½- .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .85 - .87
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .88
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .28 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachlorethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .10 - .10½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs. .....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .45½- .46
Crystals, bbls., kgs.....lb. .38 - .38½
Metals, Straits.....lb. .47¼- —
Oxide, bbls. .....lb. .52 - .54
Tetrachloride, anhyd., bbls..lb. .24¼- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13½ - —
Pac. Cst., ex whse..lb. .13½- —
50-999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs., E. frt. pd. lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd....lb. .16¾- —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd..lb. .16½- —
Pac. Cst., ex whse..lb. .16½- —
1,000-9,999 lbs., E. frt. pd..lb. .16¾- —
Pac. Cst., ex whse..lb. .16¾- —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse....lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolidin base, distilled, kgs....lb. .80 - —
Tolu, balsam, cns.....lb. .45 - .46
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld, gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld, gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .28
root, bls. .....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms.. l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .73 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08¼- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .06 - .06½
Madras, bgs. .....lb. .06¾- .07
Turpentine, spirits, gum, bbls., c.l., sx dock..gal. .29¼- —
l.c.l., 10 ex dock.....gal. .31¼- —
5 ex dock.....gal. .33¼- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .23 - .25
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N_2, bulk, Sept. shipt., f.o.b. Belle, W. Va..ton.55.40 - —
imported, 40% N_2, bgs., July-Aug.-Sept. shipt. .....ton.53.30 - —
30% N_2, bgs., July-Aug.-Sept. shipt...ton.40.35 - —
Uva ursi leaves, bls.....lb. .07 - .08

V

Valerian root, bls.....lb. .12 - .18
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.27.00 -29.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.50 - 6.00
Mexican, tins .....lb. 5.50 - 6.00
cuts, tins .....lb. 5.25 - 5.50
South American, tins.....lb. 5.25 Nom.
oleoresin, bots. .....lb. 9.65 -16.50
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .37 - .38
free .....lb. .19 - .22
Wattle bark, bgs., shipt.....ton.34.50 -38.00
Extract, solid, bags.....lb. .04 - —
Wax, bayberry, import, bgs..lb. .27 - .28
Bees, white, bleach, slabs, cs., 5 case lots..lb. .33 - —
1 cs., lots. .....lb. .34 - —
cakes, 5 cs., lots.....lb. .34 - —
1 cs., lots. .....lb. .35 - —
discs, 5 cs., lots.....lb. .35 - —
1 cs., lots.....lb. .36 - —
Wax, bees, yellow, crude, Africa, bgs., lots of 10....lb. .19½- .20
1 bg.....lb. .20 - .20½
Brazil, bgs., 5-10 ton lots, lb. .21½- .22
1 ton.....lb. .22 - .22½
500 lbs.....lb. .22½- .23
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .25½- .31½
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .28½- .29
5 bgs.....lb. .29 - .29½
1 bg.....lb. .29½- .30
N. C. 2, bgs.....lb. .35 - .35¼
N. C. 3, bgs., 1 ton.....lb. .29½- .30
5 bgs.....lb. .30 - .30½
1 bg.....lb. .30½- .32
refined, bgs.....lb. .34 - .35
yellow, No. 1 bgs., 1 ton..lb. .42 - .43
5 bgs.....lb. .42½- .43½
1 bg.....lb. .43 - .44
No. 2, bgs.....lb. .41 - .42
Ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton..lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .13 - .13½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal. p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 — .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., 5-lb. bots..lb. 1.89 - —
dms., 50 lbs.. or more...lb. 1.76 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l. works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60- 17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works .....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
gilders, extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .07½- .08
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .08 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs....lb. .07 - .08
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
8°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .33 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .95 - .98

Y

Yara yara, cryst., cns.	lb.	1.25 - 1.56
Yellow, cadmium, CP, import., bxs.	lb.	1.35 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.	lb.	.45 - —
smaller lots, same basis,	lb.	.50 - —
kgs., ton lots, same basis,	lb.	.50 - —
smaller lots, same basis,	lb.	.55 - —
Sulphide, orange, bbls., works,	lb.	.75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.14½- —
open order	lb.	.15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
Dutch, pink, bbls.	lb.	.09 - .11
Hansa, bbls., same basis, chrome.	lb.	1.27 - —
primrose shade, bbls., same basis, chrome.	lb.	1.78 - —
Mercury oxide (see M).		
Ocher, Amer., golden, A, bbls., works.	lb.	.06¼- —
B, bbls., works.	lb.	.04½- —
C, bbls., works.	lb.	.03½- —
yellow, A, bbls., works.	lb.	.02¾- —
B, bbls., works.	lb.	.02½- —
C, bbls., works.	lb.	.02 - —
D, bbls., works.	lb.	.0195- —
E, bbls., works.	lb.	.01775- —
F, bbls., works.	lb.	.01½- —
G, bbls., works.	lb.	.01½- —
H, bbls., works	lb.	.01¾ -
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import,	lb.	.02475- —
New York (f.o.b.)	lb.	.02¾-
Philadelphia for import	lb.	.02¾- —
ex dock, San Pedro, San Francisco	lb.	.0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.02575- —
New York	lb.	.03¼- —
ex-dock Phila., for import	lb.	.02¾- —
Portland, Seattle	lb.	.03½- —
San Pedro, S. Francisco	lb.	.03 - —
ex whse., Balto., Boston, N. Orleans	lb.	.02735- —
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis	lb.	.03¾- —
New York	lb.	.02¾- —
Pittsburgh	lb.	.03¼- —
Portland, Seattle	lb.	.03¾- —
San Pedro, S. Francisco	lb.	.03¼- —
f.o.b. N. Y., from dock,	lb.	.02¾- —
from whse.	lb.	.02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½- —
l.c.l., same basis	lb.	.04¾- —
synth., bbls., c.l., works.	lb.	.06½- —
l.c.l., same basis	lb.	.04¾- —
Persian orange (see O).		
Zinc, bbls., same basis chrome CP. contracts.	lb.	.13 - —
open order	lb.	.19 - —
Yellow dock root, bls.	lb.	.09 - .10
Yellow root (xanthoriza) bls.	lb.	.09 - .10
Yerba santa leaves, bls.	lb.	.07½- .08
Yohimbine hydrochloride, vis.	oz.	2.50 - 2.55

Z

Zinc acetate, tech., bbls., works,	lb.	.15 - .16
USP, bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies.	lb.	.12 - —
l.c.l., bags	lb.	.12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.		
Carbonate, tech., bbls.	lb.	.14 - .16
USP, precip., powd., bbls.	lb.	.31 - —
dms.	lb.	.36 - —
kgs.	lb.	.33 - —
Chloride, tech., fused, dms., c.l., works.	100 lbs.	4.25 - —
l.c.l., works.	100 lbs.	4.60 - —
gran., dms., c.l., works,	100 lbs.	5.00 - —
l.c.l., dms., works.	100 lbs.	5.75 - —
USP, 200-lb. dms.	lb.	.25 - —
25-lb. jars.	lb.	.31 - —
solution, 50%, dms., c.l. works.	lb.	.0290- —
l.c.l., works.	lb.	.04 - .04½
tanks, works.	lb.	.0225- —
Cyanide, kgs., works.	lb.	.33 - —
Zinc dust, bbls., c.l., dlvd.	lb.	.0675- —
l.c.l., bbls., dlvd.	lb.	.0725- —
Fluoride, bbls.	lb.	.20 - .25
Iodide, N.F., bots.	lb.	4.35 - —
jars	lb.	4.30 - —
Metal (see daily quotations in Market report)		
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06½- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07½
ex whse., Pac. cst.,	lb.	.06½- .07½
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
5% bgs., c.l., dlvd.,	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
bbls., c.l., dlvd.	lb.	.06¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
35%, bgs., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼- —
ex whse., Pac. cst.	lb.	.06¼- —
bbls., c.l., dlvd.	lb.	.06¼- —
Zinc, oxide, pigment, dom., Amer. process, 35%, bbls., l.c.l., dlvd., except Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.06½- —
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606- —
Pac. cst.	lb.	.0612- —
l.c.l., dlvd., except Pac. cst.	lb.	.0631- —
ex whse., Pac. cst.	lb.	.0631- —
bbls., c.l., dlvd.	lb.	.0631- —
l.c.l., dlvd., except Pac. cst.	lb.	.0656- —
ex whse., Pac. cst.	lb.	.0656- —
French process, com'l, lead free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
Zinc, oxide, French process, white seal, bbls., c.l.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
import, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .13½
USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .25
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
U.S.P., bbls.	lb.	.21 - .23
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 - —
l.c.l.	100 lbs.	3.50 - —
bbls., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	3.65 - —
flake, bgs., c.l.	100 lbs.	3.10 - —
l.c.l.	100 lbs.	3.85 - —
bbls., c.l.	100 lbs.	3.25 - —
l.c.l.	100 lbs.	4.00 - —
powd., bgs., c.l.	100 lbs.	4.35 - —
l.c.l.	100 lbs.	5.10 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.25 - —
Sulphide, pigment, barium, calcium, or magnesium base, bgs., c.l. (20 tons), dlvd.	lb.	.07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd.	lb.	.07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08 - —
Sulphocarbolate, NF, bbls.	lb.	.24 - .28
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 - —
l.c.l., works.	100 lbs.	5.50 - —

Yara Yara—Zirconium

Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works.	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works.	ton.	75.00 -100.00
white, 98%, rgd., kgs., works,	lb.	1.50 - 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Aug. 7 issue; the next printing will be in the Sept. 4 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

REICHHOLD

SYNTHETIC RESINS

ONE SOURCE FOR ALL TYPES OF SURFACE COATING SYNTHETICS!

No one synthetic resin can fill all the requirements of paint, varnish, and lacquer manufacturers. But there is one concern whose line of products meets practically every formulating need—and that company is Reichhold.

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REICHHOLD CHEMICALS

INCORPORATED . DETROIT, MICHIGAN

Oil, Paint and Drug Reporter

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Fishing Is Getting Good

"Reflecting the improvement in business conditions," says a recent commentary on advertising activities, "volume of retail newspaper advertising during the week ended August 5 was 4.5 percent more than in the corresponding week of 1938." That use of the word, "reflecting," is typical of a popular concept of the relation of advertising to business volume; a concept which is characterized by a specially clear instance of "reverse English."

Advertising is a promotive force in business, or it is not worth 1 percent of the millions of dollars expended for it. Advertising is not the steamgauge on the business boiler; it is the burning fuel in the firebox. It is not the flower; it is the plant-food on the business field. It is an investment in business possibilities, not the spending for parade or effect of the money acquired through the realization of these possibilities. Why it is so widely regarded as one or another of the things which it is not is all the more puzzling because even those who manifest such a belief also believe that advertising pays.

Advertising does pay the advertiser, as well as provide substantial sums of money for the natural consumer use of that medium. It pays the advertiser best when it is used for what it really is—a proven, efficient means of maintaining and expanding sales volume. Advertising, logically evaluated, does not reflect the volume of business; it makes it. But, many advertisers apparently have too little faith in advertising as a sales-promoting force; or, it may be that their reluctance to advertise until business gets better is the result of a belief that conditions are not propitious. Some anglers lay great stress on the state of the weather and the condition of the water; others—and they are continuously successful—know that the only things necessary for the catching of fish are to know where they are and how to attract them. They also know that, the fewer anglers there are on a stream, the better are the chances of each to fill his creel.

Conditions are steadily improving in respect of business volume. So, even those who must see somebody else actually catching fish should be convinced that it is time to go fishing with the best advertising appeal they can devise.

Research In Management

Among those who have messages for business and do widely and frequently convey them, the importance and the value of research is of late a very popular theme. Research, in this connection, has a variety of meanings; but the recognition of its value that is so emphatically and earnestly impressed upon management appears to omit one very promising and very necessary application.

This is the assiduous application of the proper sort of research to management itself. The importance and the value of research to management have a special emphasis when applied to research in management.

Scientific and technical research has done much for business through contributions by way of chemistry and engineering. But, because management itself has not been commensurately developed scientifically and technically, the result is what may be called technologic topheaviness, the condition that finds mankind unable to make adequate and appropriate use of its achievements; that bogs down in an endeavor to harmonize a technology that is the wonder of civilization with a sociology that comprises little, if any, conception of the economic influence of mechanized enterprise.

Congress has some peculiar ideas of economics, as well as of economy. But, the author of H.R. 7480, a voluminous bill left on the shelves at the termination of the recent session, speaks a broad economic truth in his preamble when he says that Congress "through hearings and investigations finds":—

> That the natural resources, technological processes and equipment, and production capacities of the United States, if fully utilized and required to function in the public interest, will produce consumer goods and services sufficient to provide and maintain a high and more uniform American standard of living, will provide full employment for all able and willing to work, and will yield just and reasonable profits to invested capital. . . .

This congressional economist sets out to remove the "if" from his postulate by legislative enactment. But, along with all his colleagues, he has gone home and left the job to business—and that means to management. That "if" would not be there if business management, by whose sufferance for some reason or other it exists, knew why it is there and how to eliminate it. The acquisition of this essential knowledge requires the application of research to managerial practices and theories, a particular kind of research which has not been expansively presented in textbooks, which must largely be worked out from scratch.

Unless some results, at least of purpose and preparation, are in evidence when Congress returns from its Summer vacation, it may be expected that a new venture in governmental economic empiricism will shortly be in progress.

—O-P-D—

Looking at Latin America

Events are shaping themselves so uncertainly and being shaped so ominously on the other side of the globe that business problems may be the least of the worries of the Western Hemisphere before the United States Department of Commerce will have got very far with its new plan to develop trade relations and expand trade dimensions with Latin America. The plan, however, merits serious attention with a view of the potentialities of adequate cooperation on the part of American business. The idea, at least, points to better opportunities than were found in the Lima conference of recent memory.

Interest in the Latin American objective is enhanced by the fact that a tariff bargain with Argentina is in the offing, after having been tacking about in the neighborhood of the horizon for something like four years. It is not premature, or ill-advised, to suggest that the National Association of Manufacturers and the Chamber of Commerce of the United States begin to plan an honest-to-sample, goodwill business tour of Latin America. The proper introduction of business leaders in the United States and those in Latin America and the cultivation of acquaintances and relationships conducive to their mutual understanding and benefit have been long and detrimentally deferred.

The Latin American objective of the Department of Commerce seems, from the meager information available, to shape up as something more substantial than the department's latest previous venture into the field of business counselor and promoter. The Latin American objective has no earmarks of a "grand sashay" of "Sparkplug Boys." It looks as if the department has "got something there."

A particular point of interest in this latest move to develop better and bigger trade with Latin America is the report that Argentina has set out to balance its foreign trade better. This move involves a curtailment of imports; or, it is perhaps more accurate to say a better harmonizing and channeling of the inward flow of foreign trade with respect to the outward flow. This should present bigger opportunities for the United States. But, opportunities never mean much unless they are properly grasped and cultivated —which is something that commerce itself, not a governmental department thereof, can handle best.

Eruptions and disruptions on the other side of the globe may bring the United States a lot of Latin American trade which it now does not get. Such emergencies, as some were shown in the twenties decade—but all too few really learned—are not sound business foundations. United States business can build a sound foundation in Latin America if it will but go about the job in the proper manner.

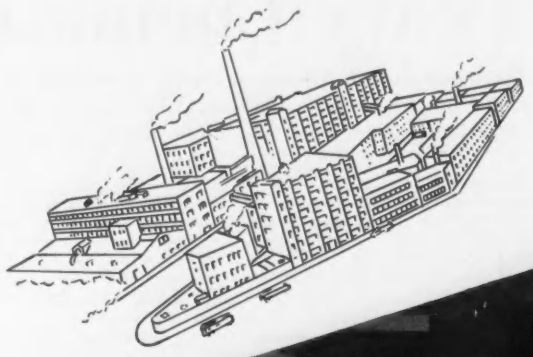
—O-P-D—

To Fight For Business

Ambition, if not promise, is very evident in another new venture by the Department of Commerce. This is the creation of an Industrial Economics Division, in respect of which the term, "economics", is of something other than abstruse meaning, the new unit being officially intended to be "competent to deal with any problem in the field of commerce and industry as it becomes important."

Even though "deal with" is an indefinite term, the job laid out for the new division is a herculean one. No campaign has yet been mapped for what the Secretary of Commerce says is to be an "attack" on "major problems on many fronts" and vigorous procedure toward "increasing employment and balancing our economic structure". There may be some significance in the fact that the new division is headed by a public finance expert. But, other experts already selected present a variety of qualifications.

Whatever may be the policy of the new division, if it does but measure close to the Secretary of Commerce's concept of his department as "the Federal agency concerned with everything that concerns business—and particularly its relationship with the government"—its processes, at least, will be interesting.



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Heavy Chemicals

Several Inquiries Reach Importers and Exporters Because of the Unsettled Conditions Abroad, But Little Buying Materializes—Silver Cyanide Unsettled—Tin Salts Remain Firm

The tense international situation had a retarding effect on business in the market for heavy chemicals last week. With conditions abroad so uncertain, many consumers apparently were content to mark time until the situation became more clarified. Most factors reported business so far in August below the preceding month, but were looking forward to a revival after Labor Day. Silver cyanide provided the only price change.

Importers received many inquiries for materials because of the unsettled conditions abroad. However, little actual buying was reported. Many importers, who were uncertain as to future supplies in the event of hostilities, endeavored to stock up. On the other hand, exporters were in receipt of several inquiries from countries usually supplied by Germany, particularly South America.

Silver cyanide prices fluctuated erratically because of the gyrations in the world silver market, with most factors not disposed to quote a schedule under the circumstances. Sharp drop in sterling prices brought unsettlement in the Straits tin market and quotation fluctuated sharply. Quotations for tin derivatives were not changed, however, with sellers awaiting some clarification of the situation before adjusting prices. There was no indications of any shortage of manganese ore for the immediate future, with supplies adequate to meet domestic requirements. No change occurred in potash chlorate as result of developments in Europe. Cyanides were not moving in heavy volume to automotive centers as yet. Demand for alkalies was only moderate. Chlorine remained firm. No new developments occurred in acids. Agricultural insecticides and fungicides were not very active, reflecting the end of the heavy consuming period.

Alums.—A firm price tone prevailed in the market last week. A steady buying interest for moderate quantities was the rule for alumina sulphate, ammonia and potash alums.

Ammonia, Anhydrous. — Consumers entered the market for fair size quantities against contracts made earlier in the year. Prices were without alteration.

Ammonia, Aqua. — While demand failed to broaden to any degree, necessary replacement orders provided the market with satisfactory support. No change was disclosed in the quotations.

Ammonia Perchlorate.—No new factors entered the market, business was usually confined to modest quantities. Quotations were in line with those prevailing for some time.

Ammoniac, Sal.—Developments abroad were watched with interest insofar as imported material was concerned. Domestic quotations were steady, and shipments moved in moderate fashion.

Antimony.—Conditions in the market held quiet, with no buying flurry evident despite the unsettled foreign situation. Quotation for domestic spot metal was unchanged at 12c. per pound.

Arsenic.—Dealings in the red and white maetrial were not extensive, and orders were usually made up of small quantities. No change was disclosed in the quotations and the tone of the market was firm.

Barium Salts.—No unusual buying interest was uncovered in various derivatives throughout the past week. Quotations for the carbonate, chloride, chlorate, dioxide and hydrate were steady.

Bleaching Powder. — Business continued along routine lines with withdrawals against contracts providing most of the transactions. Quotations were without change.

Blue Vitriol.—Demand was in line with seasonal trends. The call for agricultural purposes was pretty well completed, however, withdrawals for water treating and commercial purposes were favorable. Exports were satisfactory. Pricewise a firm tone characterized the trading.

Calcium Chloride.—With the season for dust control work nearly completed, sellers were directing their attention on the coming Fall campaign for ice control activity. The market will mark time for a while between important consuming periods. In the interim demand for miscellaneous purposes was moderately active. Price schedules were without change.

Carbon Tetrachloride. — Shipments were moving to various consuming channels at a moderate pace during the past week. Prices were in conformity with those established some time ago.

Chlorine.—A firm tone remained in evidence in this direction during the week just ended. Demand was fairly well diversified, although most consumers were content to follow a moderate purchasing policy for the present.

Cobalt Oxide.—Small quantities usually made up the call in the market last week. Quotations were unchanged and firm.

Copper. — Business in the domestic copper market remained quiet, and price held at the 10½c. per pound basis. Buying in the foreign market was not very active, with quotations ranging around the 10.50c. per pound level.

Copper Salts.—No new price developments were reported in the market for various copper derivatives, but the tone of the market was firm. Demand was usually limited to nearby requirements.

Copperas.—Demand was steady, and volume was sufficient to keep stocks of material at comparatively low levels. Prices were unaltered, and firmness governed the dealings.

Fluorspar. — Domestic and imported material quotations were steady last week. Demand from the metallurgical trade was moderately active, while other consumers were making only modest commitments.

Lead Acetate.—Buying interest was strictly routine in the market throughout the period just ended. Prices ruled unchanged and firm.

Manganese Ore.—Much attention was directed on the tense international situation and its probable effects on supplies from abroad. However, adequate stocks were available to take care of domestic requirements. Prices were the same.

Molybdenum Metal Powder.—Demand was moderately active and running well ahead of a year ago. Export business was satisfactory, although no unusual buying was disclosed because of unsettled conditions in Europe.

Nickel Salts. — While demand was somewhat spotty, orders made their appearance in sufficient volume to keep the market in a firm position.

Potash Carbonate. — Trading in the market continued along moderate lines with little forward buying uncovered at this time. Price schedules were unaltered.

Potash, Caustic. — Shipments against contracts were fairly steady during the past week. Pricewise a steady to firm tone prevailed.

Potash, Chlorate. — Development abroad were watched closely, but no immediate affects were reported in the market as yet. Stocks were considered

Price Changes

Prices were changed during the past week as follows:—

Advanced

Silver cyanide, 1½c. per oz.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.8	146.8	146.8	149.2

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of price beginning on page 7

adequate for the present, and prices were unchanged.

Saltcake.—Domestic and imported quotations were steady, and business was principally confined to contract withdrawals entered into earlier in the year.

Silver Cyanide.—Quotations were sharply higher, reflecting the recent spurt in the world silver market. Prices follow:—2,500 ounces, 34¾c. per ounce; 1,000 ounces, 35c. per ounce; 500 ounces, 35¼c. per ounce, and 80 to 100 ounces, 35½c. per ounce.

Soda Ash.—The market changed little from recent weeks, with most consumers making fair-sized withdrawals against contracts to take care of current production needs. Price schedules ruled unchanged.

Soda Bicarbonate.—Prices were in line with those prevailing previously. Demand was steady.

Soda, Caustic.—While trading did not expand, sellers could point to a moderate interest from most basic consuming industries. Stocks of material were not considered burdensome, and the outlook for normal seasonal increase in business was favorable. Prices ruled unchanged.

Soda Cyanide.—A slight pickup from automotive centers was reported, with additional support anticipated over the next several weeks as new-model production gradually picks up. No change occurred in the quotations.

Soda Pyrophosphate.—The call from the soap trade and for bleaching purposes was satisfactory, and the market fully retained its firm tone.

Soda Silicate.—Sellers were adhering to quotations in force for some time. The market received fairly broad support, with shipments to the paper-box trade holding up very well.

Soda Silicofluoride.—A steady price tone prevailed in the market for the domestic and imported material last week. A fair movement was reported to the laundry and glass trade.

Soda Stannate.—Quotations remained at the 32c. to 35c. per pound level, but much uncertainty was created by the unsettlement in Straits metal. Business was held to conservative levels.

Sulphur, Refined.—There was no expansion in business reported in the market for various grades, with most consumers content to order for nearby requirements. Prices were steady to firm.

Tin Salts.—Sharp drop in sterling on Friday brought the price of Straits metal sharply downward to around 47½c. per pound, after the market advanced to 49⅜c. on the previous day. Quotations on various tin derivatives were unchanged, with sellers marking time until the situation became more clarified. World tin consumption for the first half of 1939 totaled 74,900 long tons, which was 6,000 tons less than the same period last year, but 4,000 tons more than the final half of 1938, according to the International Tin Research and Development Council.

Acids

Movement of various acids remained moderate last week. Consumers, as for some weeks past, were restricting purchases to conform with production needs at this time. The outlook remained promising for the balance of the year, although developments abroad were watched closely as to the effect on business. The market offered no new price developments, and the undertone was steady to firm.

Acetic.—Shipments were made against contracts in moderate volume to various consuming industries. Price schedules were unchanged.

Chromic.—Quotations were well sustained in the market last week. The plating trade was providing the market with adequate support.

Formic.—Buying from the textile and leather trade was held close to production needs. Sellers were adhering to prices in force previously.

Hydrofluoric.—Consumers entered the market for necessary replacements as a rule. Pricewise a steady to firm tone prevailed.

Lactic.—Spotty conditions were still reported in the market last week. Some grades were moving satisfactorily, while others were lagging. No change was disclosed in the prices.

Muriatic.—Shipments were moving at a moderate pace in most important consuming channels. Prices were without alteration.

Nitric.—While demand failed to broaden, sellers could point a steady interest for moderate quantities. Prices ruled unchanged.

Oxalic.—Shipments were moving to small consumers in a satisfactory manner last week. A firm tone governed the dealings.

Sulphuric.—The market offered no new developments last week. Trading was along the same lines as the past several periods, namely, a moderate call for nearby production needs. The outlook continued promising from industrial sources, with steel operations scheduled at 62.2 percent of capacity. Price schedules were in conformity with those established some time ago.

Baltimore, August 23.—Conditions in the market for sulphuric acid remain unchanged, with orders for acid few and of no great moment. Some business is being booked, but the uncertainties that beset especially the agricultural interest work against a feeling of assurance as to the future. Producers of acid hold to the nominal figures that have been put out, they being $12 per ton for 60 degree and $15 per ton for 66 degree acid. Conditions as to oleum are also unchanged, with the demand held down to small proportions, and with the nominal price at $17 per ton for 20 per cent stocks.

Insecticides

With the active season nearly terminated, buying interest in the market for agricultural insecticides and fungicides was not large last week. Business during June and July was along normal lines, with weather conditions mostly satisfactory. So far during August a gradual leveling off was discernible, which is usually the case at this time. The market offered nothing new in the way of price fluctuations, and the tone of the market remained steady to firm.

Although the compounding in Turkey of insecticides from imported raw materials is making considerable progress, finished products still figure as an important item in the Turkish import trade. During the first ten months of 1938 imports were 473,812 kilograms, valued at 254,431 Turkish pounds. The United States was the largest supplier during 1938, furnishing 246,762 kilograms, with Germany second from a quantitative standpoint, according to the American commercial attache at Istanbul.

Bordeaux Mixture.—Demand was not very active, reflecting seasonal conditions to a large extent. No change was uncovered in the quotations.

Calcium Arsenate.—There was little renewed buying interest reported in this direction, and shipments in most directions were held to modest quantities. Prices schedules were unaltered. The German government this year has made available 5,000 metric tons of calcium arsenate for combating the Colorado potato beetle in affected areas.

Lead Arsenate.—No change occurred in the quotations during the past week. Buying was not large, with most consumers well taken care of earlier in the year.

General Tung Oil Corporation has leased space in 10 Rockefeller Plaza.

Trade Briefs

Aluminum sulphate imported in Mexico in 1937 amounted to 389,782 kilos, of which the United States shipped 197,796 kilos.

R. & C. Windecker have acquired a site west of Painesville, Ohio, for the construction of a chemical manufacturing plant at an estimated cost of $40,000.

United Chemicals, Inc., this city, has reacquired 1,650 shares of its $3 participating preferred stock, bringing the total of its reacquired shares to 58,603.

[illegible] Stein has joined the research staff of the Alrose Chemical Company, Cranston, R. I. Mr. Stein was formerly affiliated with Rohn & Haas, chemical manufacturer, Philadelphia.

Consolidated Mining & Smelting Company, Toronto, plans to start production at its 125-tons straight cyanide mill at Cordova Gold Mine, Hastings, Ont., about the end of October.

Barber Asphalt Promotes Alexander and O'Brien

The Barber Asphalt Corporation, Barber, N. J., has appointed B. B. Alexander assistant manager of roofing sales, with headquarters in Barber. W. J. O'Brien has been named manager for the St. Louis district, with offices at 3072 Arlmont drive, Normandy, Mo.

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Chemical, Petroleum Corporation Incomes: 1937

—Continued from page 5

Corporations in Petroleum Industry

Number of returns:—	All corporations.	Reporting net income.	Reporting no net income.
1937	806	324	*381
1936	853	358	†389
Gross income:—			
1937	$5,286,864,000	$4,638,211,000	$648,653,000
1936	4,605,553,000	3,716,991,000	888,562,000
Deductions, 1937	5,007,306,000	4,337,396,000	669,910,000
Net income:—			
1937	279,558,000	300,815,000	.....
1936	203,520,000	224,630,000	.....
Deficit:—			
1937	.....	.....	21,257,000
1936	.....	.....	21,110,000
Dividends received on stock of domestic corporations, 1937	125,817,000	124,212,000	1,605,000
Interest received on government obligations, 1937	1,406,000	1,397,000	9,000
Taxable	441,000	439,000	2,000
Tax-exempt	965,000	958,000	7,000
Dividends paid, 1937:—			
Cash	277,422,000	273,720,000	3,702,000
Stock	6,118,000	6,043,000	75,000
Federal taxes:—			
Total, 1937	.....	34,951,000	.....
1936	.....	23,671,000	.....
Normal tax, 1937	.....	30,213,000	.....
Surtax on undistributed profits, 1937	.....	3,943,000	.....
Excess-profits tax, 1937	.....	795,000	.....

* 101 inactive corporations reported.
† 106 inactive corporations reported.

Chilton Awarded Chandler Medal

—Continued from page 3

erations of chemical engineering, and in the application of these principles to process development, equipment design, and chemical plant construction and operation." The medal will be presented to Mr. Chilton on November 16, when he will deliver the annual Chandler Lecture on "Engineering in the Service of Chemistry."

Mr. Chilton was born on August 14, 1899, in Greensboro, Alabama. He received the degree of chemical engineer from Columbia in 1922 and worked for the next three years on the chemical utilization of natural gas. His researches led to a more efficient production of carbon black, and later to the production of formaldehyde.

In 1925 Mr. Chilton joined the duPont company to develop the pressure process for the oxidation of ammonia for the preparation of nitric acid. In 1929 he was associated with John H. Perry of the duPont company in studies on the improvement of the contact sulfuric acid process. In the same year the company organized a group of engineers to carry on research in fundamental chemical problems. Mr. Chilton was made director of the group a year later.

The group was gradually enlarged and in 1935 it was consolidated with a partly parallel organization in the engineering department. In 1938 Mr. Chilton was named to succeed Henry B. duPont as head of the technical division, as the combined groups were designated. The division also includes a metallurgical section.

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Manganese Compounds Value In Feedstuffs, Fertilizers Told

An explanation of the differences among various manganese compounds prepared as an aid in selecting the most suitable and economical grade in mixtures of fertilizers, minerals, and feedstuffs, is presented in the new booklet "Manganese, Its Value in Soil, Plan and Animal Nutrition" published by the Harshaw Chemical Company. In addition to complete information concerning the use of manganese compounds in agriculture, the booklet contains an interesting listing of the various other metallic compounds which are becoming increasingly important a nutritional agents. Copies of the new booklet may be secured from the headquarters of the Harshaw Chemica Company, Cleveland, Ohio, mentioning the REPORTER.

Mixed Carload Rates Revised

Albany, Aug. 25, 193

The New York Public Service Commission has approved an amendment t the commodity rate tariff of the Dela ware & Hudson. Commodities in mixe carloads, from Albany, Green Island Schenectady and Troy to Black Rock Buffalo and East Buffalo. Rates published to expire October 31, 1939, ar extended to and will expire Octobe 31, 1941, unless sooner cancelled changed or extended. Present rate not applicable to private sidings mad to apply thereto. Reductions effectiv September 10, 1939.

Acid Freights Lower

Albany, Aug. 25, 193

The New York Public Service Commission has approved new commodit freight rates on the following:—

Of the New York Central East and We Shore on muriatic, nitrating (mixed nitr and sulphuric) and sulphuric acids, tan cars, minimum weight subject to Rule of Official Classification, rates per hun dredweight, from Niagara Frontier st tions to Hobart and Boonville on Ne York Central 22c. and 25c. respectively certain points on Hudson division of Ne York Central and river division of We Shore 27c. Reductions from class rate Effective September 11, 1939.

Paint Business Upturn Reflects Housing Program

The stimulus provided by the Federa better housing program is described i the feature article of the latest issu of the *Dutch Boy Painter*, bi-monthl publication of the National Lead Com pany, this city. A supporting story con cerns the multitude of ways in whic stencils can be used to create attractiv decorative designs. Other portions the magazine describe the current can paign promoting the use of lead pain and answer problems concerning th manufacture and application of pain A copy of the booklet may be had b communicating with the National Lea Company, 111 Broadway, New Yor mentioning the REPORTER.

Linseed Oil Consumption Up

Data compiled by the Flax Institut of the United States show that produ tion, consumption, imports and expor of linseed oil during the quarter 1939 ended with June were as follows:-

	Gallon
Stocks on hand March 31, 1939	21,500,1
Production, second quarter, 1939	16,643,0
Imports, second quarter, 1939	2,6
Total	38,145,7
Less stocks on hand June 30, 1939	17,374,6
Consumption, first quarter, 1939	20,771,1
Exports	17,9

Flaxseed Freights Lower

The New York Public Service Com mission has approved an amendment the commodity freight tariff for ca riers in trunk line territory on t following:—Flaxseed, carload, minimu weight as specified in tariff, rates p hundredweight from Black Rock, Buffa and East Buffalo on New York Central West Shore to New York Central statio Amsterdam to North Ilion inclusive a West Shore stations South Amsterdam Frankfort inclusive 11.79c., reduction Effective August 30.

Cooperative Group Sued Under Fair Trade Act

—Continued from page 3

Grocery, wherein the grocer-stockholders are the sole customers of the company, the Welch company maintains that it is a cooperative association, purchasing centrally for its members, and does not sell in the sense that a wholesaler or jobber sells. The Welch company, on the other hand, contends that the Frankford company was not incorporated under the regulations of the Pennsylvania cooperative act of 1887. The Welch company argues that granting Frankford Grocery is a cooperative it still is amenable to the fair trade law because the "cooperative statute of Pennsylvania shows by its language that even a cooperative buys and sells."

In answer to the charges by the Welch company, attorneys for the Frankford Grocery contend that the grocery concern acted as a purchasing agent for its member stockholders, and therefore was exempt from the act which regulates the resale of merchandise.

Olwyler Heads Zonite

John M. Olwyler, vice-president in charge of sales for the Zonite Products Corporation, this city, has been designated chief executive officer until further notice, with the continuing title of vice-president, but with all the powers and duties of the president of the corporation. His appointment was made by virtue of the resignation of R. R. Wason, who has resigned as president of the corporation to give his entire time to Manning, Maxwell & Moore, Inc., of which he is president.

Pharmacy Schools Plan Requirement Standards

OPD Washington Bureau
August 22, 1939

First steps toward accreditization of colleges of pharmacy have been taken by the American Association of Colleges of Pharmacy in the formation of a council of ten to make uniform requirements for accreditization and to pass upon all applicants.

The officers of the new council are:—President, Dr. E. F. Kelly, secretary of the American Pharmaceutical Association, Washington; vice-president, Dr. H. C. Christensen, secretary of the National Association of Boards of Pharmack, Chicago; secretary-treasurer, Dr. A. G. DuMez, dean of the School of Pharmacy of the University of Maryland.

Dr. Kelly and Dr. DuMez made an extended trip last Spring, going as far as the Pacific coast, to interview members of faculties of pharmacy schools in connection with the formulation of a system of college accreditization intended to raise pharmacal education standards to a higher level.

Pharmacy School To Be Opened by Army

OPD Washington Bureau
August 21, 1939

As a part of the school system considered necessary by the War Department for enlisted men of the Medical Department of the United States Army, a school of pharmacy is to be conducted at the Army Medical Center here.

The initial class will be organized at the Army Medical Center about September 15 and will consist of twenty selected enlisted men from medical detachments all over the United States. The course will be completed June 14, 1940.

The faculty will consist of graduate registered pharmacists who hold commissions in the regular army medical administrative corps. The laboratories and conference and lecture rooms at the Army Medical School will be available to the class, thus insuring balanced training in theory and practical application.

Drugs for External Use Must Show Ingredients

OPD Washington Bureau
August 22, 1939

Officials of the Food and Drug Administration say that circumstances indicate the necessity of stressing the information that the fact that a drug is for external use only does not exempt it from the requirement of the food, drug and cosmetic act that its active ingredients be named on the label.

The officials point out that the only difference in the regulations governing the labelling of internal use or external use of drugs is the one permitting the omission of habit-forming warning statements on drugs for external use only and not suitable for internal use, which are distributed only for external use in such a manner as involves no possibility of habit formation.

Hospitalization Group Bill Signed

President Roosevelt signed August 11 the bill (H.R. 6266) incorporating a cooperative hospitalization organization to operate in the District of Columbia.

Bids Wanted

Acetone:—31,287 gallons; Contracting Officer, Materiel Division, Wright Field, Dayton; procurement 170, opening September 12.

Acid, Chromic:—4,000 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton; procurement 144, opening September 7.

Muriatic:—12,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 215, opening August 29.

Nitric:—10,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 215, opening August 29.

Sulphuric:—30,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 166, opening August 29.

Alum, Chrome:—1,900 pounds for Perry Point and Chicago; Procurement Division, Veterans Administration, Washington; procurement 97, opening August 30.

Aluminum, Powder:—Supplies of; U. S. Engineer Office, Federal Building, Detroit, procurement 7, opening September 1.

Barium Nitrate:—20,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 208, opening September 18.

Cresol Solution:—Supplies of; Procurement Division, Veterans Administration, Washington; procurement 100, opening September 5.

Disinfectant:—1,000 gallons; Procurement Division, Treasury Department, Washington; procurement 6463-S3, opening August 29.

Diphenyl:—1,000 pounds; Purchasing Office, Government Printing Office, Washington; opening August 28.

Diphenylamine:—20,615 pounds for White Plains, Md.; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 7006, opening September 1.

Drier, Paste:—600 pounds; Government Printing Office, Washington; opening August 28.

Drugs:—21 items for Chicago; Procurement Division, Veterans Administration, Washington; procurement 34, opening August 31.

21 items for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 34, opening August 31.

23 items for Chicago and Perry Point; Procurement Division, Veterans Administration, Washington; procurement 34, opening September 5.

Lead, Red:—30,000 pounds; Commanding Officer, Raritan Arsenal, N. J.; procurement 21, opening August 30.

White:—1,000 pounds; Chief Clerk, Federal Correctional Institution, Tallahassee, Fla.; procurement 243, opening September 1.

1,000 pounds; Commanding Officer, Raritan Arsenal, N. J.; procurement 21, opening August 30.

Lime, Hydrated:—10,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 218, opening September 1.

Medicinal Specialties:—Supplies as required during the period ending March 31; Procurement Division, Veterans Administration, Washington; procurement 102, opening September 1.

Methyl Chloride:—250 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Oil, Fuel:—Supplies for region 6 during 3, 6, or 9 months' period beginning October 1; Procurement Division, Treasury Department, Washington; procurement 20516-FO, opening August 30.

Supplies for region 3; Procurement Division, Treasury Department, Washington; procurement 20549-FO9, opening September 1.

Linseed:—Supplies of; U. S. Engineer Office; Federal building, Detroit; procurement 7, opening September 1.

Neatsfoot:—660 gallons; Commanding Officer, Augusta Arsenal, Ga.; procurement 5, opening September 12.

Paraffin:—2,500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 212, opening August 29.

Recoil:—5,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 119, opening September 5.

Paint:—Supplies of; U. S. Engineer Office, Federal Building, Detroit; procurement 7, opening September 1.

Paint, Lithopone:—2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Paris Green:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Putty:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Red Pigment:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Rosin, Gum:—6,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Rust Preventive:—40,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 98, opening August 30.

Scouring Powder:—600 pounds; Chief Clerk Federal Detention Headquarters, New Orleans, La.; procurement 718, opening August 29.

Silica:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3557, opening August 31.

Soap:—10,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 104, opening August 30.

Grit:—13,640 pounds; Procurement Division, Treasury Department, Washington; procurement 6470-S3, opening August 31.

Laundry:—120,000 pounds; Procurement Division, Treasury Department, Washington; Procurement 6470-S3, opening August 31.

Powder:—4,000 pounds; Chief Clerk, Federal Detention Headquarters, New Orleans, La.; procurement 718, opening August 29.

Toilet:—9,500 pounds; Procurement Division, Treasury Department, Washington; procurement 6480-S3, opening August 31.

Soda Ash:—200,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 105, opening August 30.

9,000 pounds; Commanding Officer, Augusta Arsenal, Ga.; procurement 5, opening September 12.

Caustic:—30,000 cans; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-56, opening August 31.

Phosphate:—31,525 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, procurement 928-56, opening August 31.

Soda Oxalate:—12,700 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 176, opening September 11.

Varnish:—1,000 gallons of spar; Commanding Officer, Raritan Arsenal, N. J.; procurement 21, opening August 30.

Zinc Oxide:—1,000 pounds; U. S. Engineer Office, P. O. Box 97, Memphis, Tenn.; procurement 43, opening August 29.

Philippine Chromite Tried for Bichromate

A deposit of low-grade chromite, estimated to contain at least 8,000,000 tons, is located in the Masinloc district, Zambales Province, Philippine Islands. Because of the extent of this deposit experiments have been carried out by V. G. Lava and I. Olayao, of the division of chemical research, Bureau of Science, Manila, to determine the best condition for roasting the ore for the production of soda bichromate.

The experimenters report that, for the efficient roasting of the Masinloc chromate, the percentages of lime, soda ash, and carbonaceous and diluting reagents are very important items to be considered. The optimum temperature of roasting is between 800° and 900° C. Of the carbonaceous substances, sawdust used at 50 percent of the weight of the chromite, or rice hulls used at 15 percent of the weight of the chromite, help to give the highest recovery of chromium as chromate.

The optimum amount of soda ash (93.5 percent purity) required for the highest recovery is between 85 percent and 90 percent of the weight of the chromite; while the optimum amount of lime required is between 22 percent and 25 percent of the unconcentrated chromite and around 10 percent of the chromite concentrate. The experimenters suggest that the exact lime requirements have something to do with the amount of silica in the chromite, about five times as much lime being required as there is silica.

The experimenters express the opinion that a theoretical study of the effects of lime on the chromite constituents, together with an inquiry into the nature of chemical interaction among the chromite, soda ash, and lime on the one hand, and the catalytic carbonaceous or diluting agents on the other, would be highly interesting and fruitful. A comprehensive report of their experimental work, with graphs and extensive tabulations of the results obtained, is published in the June issue of the *Philippine Journal of Science.*

McK.&R. Earnings Up Sharply for Six Months

Net earnings of McKesson & Robbins, Inc., and subsidiary companies for the first half of 1939 were $1,502,326 after Federal income taxes, reorganization expenses, including recoveries from non-operating sources, but before provision for interest on the company's twenty-year 5½ percent debentures, according to William J. Wardall, trustee. Net profit for the corresponding period of 1938 was $348,089 after Federal income taxes, debenture interest, etc.

In addition to making public the earnings for the first half, Mr. Wardall also gave corresponding figures for the second and first quarters of the year compared with the like 1938 periods. For the three months ended June 30, net was $863,760, compared with $186,973 in the June quarter last year. For the first quarter of 1939 net profit was $638,565, against $161,116 in the initial three months of 1938.

Coincident with the release of the earnings the trustee announced that sales for July, 1939, of the consolidated companies showed an increase of 4.68 percent over July, 1938. Total sales for the month, including those of the liquor division were $10,332,829, compared with $9,871,051 in July last year. Sales for the first seven months were $82,000,458, compared with $81,169,014.

S. C. Wagenman Paint Stores Company, Cleveland, held its annual picnic at Wiegand's Lake, August 20, with approximately 1,000 paint contractors, automobile paint shop owners, sign and display men, building managers and purchasing agents in attendance.

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Precipitated Barium Carbonate	Barium Sulphide
Barium Chloride Crystals	Sodium Sulphide
Anhydrous Barium Chloride	Sodium Sulphydrate
Barium Sulphate	Hydrogen Sulphide Gas
Barium Oxide	Ammonium Sulphide
Barium Peroxide	Strontium Oxide
Barium Hydrate	Strontium Peroxide

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Industrial Uses of Chemicals and Related Materials

(Formerly Styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-sixtieth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonium Selenocyanate

Agriculture

Sterilizer (Brit. 490436) for—
Grain.

Insecticide

As a parasiticide

Paint and Varnish

Ingredient (Brit. 490436) of—
Antifouling paints

Amyl Parahydroxyphenylsulphide

Disinfectant

Bactericide (U.S. 2129674)

Betamethylaminoethylphenyl Ether

Chemical

Starting point (Brit. 443902) in making—
Emulsifying agents by acylation and sulphonation

Bis-2:4:6-trichlor-3-hydroxyphenylmethane

Miscellaneous

Mildewproofing agent for—
Various products, such as textiles, canvas, leather, paper, and the like

6-Chlor-4-amino-1:3-diorthotolyloxybenzene

Textile

Starting point (Brit. 488595) in making—
Diazotized red dyes on cotton yarn by coupling on the fiber with—
Acetoacetic acid arylamides
2:3-Hydroxynaphthoic acid arylamides

Chloroterephthalparanitroanilide Chloride

Chemical

Intermediate (Brit. 489430) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 489430) in making—
Synthetic dyestuffs

Textile

Assistant (Brit. 489430) in—
Textile processing

Diatomaceous Earth

(Bergkreide, Bergmehl, Ceyssatite, Desmid Earth, Diatomaceous Silica, Diatomerde, Diatomite, Farina Fossile, Fossil Flour, Fossil Meal, Guhr, Gur, Harina Fosil, Infusorial Earth (misnomer), Infusorial Silica (misnomer), Infusorienerde, Kieselguhr, Kieselgur, Kiebschiefer, Molera, Mountain Flour, Polierschiefer, Randanite, Radiolarian Earth, Saugschiefer, Silice Hydrate Terreuse, Silice d'Infusoires, Siliceous Earth, Tellurine, Terra di Infusori, Terra Silicea Purificata, Terre Desmique, Terre de Diatomees, Terre d'Infusoires, Terre Radiolaire, Tripel, Tripoli (misnomer and causes confusion with earth properly so named), Tripolite, White Peat)

(Note: In the uses given below the term, "filtering agent," is also to be understood as synonymous with, "filter aid," or "filter-flow promoter.")

Abrasives

As a mild abrasive and polishing agent
Ingredient of—
Abrasive compositions

Adhesives

Clarifying, decolorizing, and filtering agent for—
Adhesive compositions and components

Analysis

Filter aid for use in—
Clarifying liquids and removing precipitates (useful in analytical, control, research, medical, biological and other laboratories)

Aviation

Ingredient (U.S. 1460053) of—
Coating agent for balloon fabrics

Brewing

Conditioning agent for—
Yeast
Filtering agent in—
Clarifying and purifying processes
Remover of—
After-fermenters
Albumin
Bacteria
Dirt
Hop resins
Slimes
Undesirable coloring matters

Building Construction

Fireproofing construction material for—
Floors
Roofings
Shingles
Walls
Heat insulator and filler for—
Floors
Roofs
Walls
Improver and filler in—
Artificial building stone
Asphalt paving
Bituminous emulsions for highways (Brit. 387825)
Blocks
Bricks
Cement
Composition building materials
Composition shingles
Concrete
Finishes
Highways
Mortars
Plasters
Roofing compositions
Sidewalks
Tiles
Wallboards and the like
Composition floorings
Ingredient of—
Expansion joints for concrete (U.S. 1329631; Re-15840)
Miscellaneous building material specialties (U.S. 1925142, 1518336, 1479044, 1463123, 1428827, 1371756, 1184184, 1183694, and 1183255)
Road binders (U.S. 1311215, 1311216, and 1311219)
Rodent and verminproofing filler for—
Floors
Partitions
Roofs
Walls
Sound insulator for—
Floors
Mucisrooms
Partitions
Roofs
Telephone booths
Walls

Cellulose Products

Filtering agent for—
Rayon liquors
Pyroxylin liquors
Precipitating agent (U.S. 2009600) for—
Cellulose acetate

Cement and Lime

Heat insulator for—
Kilns
Flues
Settling chambers
Improver and filler for—
Cement concrete
Ingredient of—
Acidproof cements
Miscellaneous special concretes and cements (French 669353 and 703437; U.S. 1976573, 1959658, 1920358, 1255995, 1245608, 1220575, and 1212575)

Ceramic

Conferer of—
Durability
Light weight
Porosity
Resistance to acid liquors
Strength
Filler in—
Brick
Earthenware
Glazes
Porcelains
Porous chemicalware
Potteries
Tile
Heat insulator for—
Enamel-drying ovens
Fritting kilns
Intermittent kilns
Tunnel kilns

(To be continued)

3:4:5:6-Dibenzocarbazole

Dye

In dye syntheses
Starting point (Brit. 493856) in making—
Sulphur dyestuffs giving catechu-brown tints

Dicetylamine Chloride

Building Construction

Fluidity promoter (Brit. 458266) for—
Cement and concrete mixes

3:6-Dihydroxyphthalimide

Analysis

Fluorescent indicator in—
Analytical processes involving control and research in science and industry
Indicator for determination of—
Acidity or alkalinity of strongly colored solutions which inhibit the use of colorimetric indicators

Dioctyl Peroxide

Fuel

Activating agent (Brit. 443562) for—
Diesel motor fuels

2-N-Heptylidenecyclohexanone

Perfume

Odorant (Brit. 451462)

Isopropyl Succinate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Lophira Oilcake

Fertilizer

Suggested for use as—
Fertilizer ingredient

Mercury Phthalate

Paint and Varnish

Ingredient of—
Antifouling paints (added to prevent attack by wood-borers and attachment of barnacles)
Promoter of—
Paint and varnish resistance to breakdown in hot humid climates

Oleylethylmethylsulphonium Bromide

Disinfectant

Bactericide (U.S. 2155504) for—
Coli bacilli (1:1000)
Diphtheria bacilli (1:10,000)
Staphylococci (1:10,000)
Typus bacilli (1:1000)

1-Para-anisylglyoxalin

Pharmaceutical

Claimed (U.S. 2005538) as—
Local anesthetic

Paraphenylenediglycocoll

Photographic

Developing agent (Brit. 481681)

Phenylalphanaphthylamine

Chemical

Intermediate in—
Organic syntheses

Dye

Intermediate in—
Dye syntheses

Paper

Antioxidant (Brit. 468450) for—
Rosin soaps

Rubber

Antioxidant

Soap

Antioxidant (Brit. 468450) for—
Rosin soaps

Resorcinol Monopropylether Diethylcarbamate

Pharmaceutical

Claimed (Brit. 493465) to have—
Vermicidal properties for animal use

Sterculia Oil

(An oil from the seedcoats and kernels of Sterculia foetida, Linn., indigenous to West and East Afrca, India, Ceylon, Malay Archipelago, and Northern Australia)

Fats and Oils

Suggested for use as a vegetable oil offering the following properties—
Pale, greenish-yellow color
Iodine value 83 to 84
Saponification value 191 to 198

Food

Suggested for use as—
Edible oil (refined product)

Soap

Suggested for use as—
Soapstock

Sterculia Oilcake

Fertilizer

Suggested for use as—
Fertilizer ingredient rich in protein

Terephthalbetanaphthylamide Chloride

Chemical

Intermediate (Brit. 489430) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 489430) in making—
Synthetic dyestuffs

Textile

Assistant (Brit. 489430) in—
Textile processing

Tin Iodomethylate

Lubricant

Addition agent (Ger. 643508) for—
Lubricants

5167 informative articles that have appeared in this department have been collected in a big book of universal usefulness to producers and users. **You Need It.** **$10** Postage paid in U. S. plus 39c postage elsewhere

Dyestuffs, Textile and Leather Chemicals

Further Sharp Rise in Corn Sugar, Dextrin and Starch Prices —Higher War Risk Insurance Rates for Tanning Materials Passed to Buyers Account—Sulphonated Tallow Oil Easier

A further sharp advance in the prices for tanners corn sugar, dextrin and starch provided the feature to the market for dyestuffs, textile and leather chemicals last week. Corn prices reached the highest level since mid-July because of the tense international situation. Bookings were fairly heavy earlier in the week in anticipation of the advance. Further caution was noted in other divisions of the market, with most consumers preferring to bide their time until the situation abroad clears up. The only other price change was confined to sulphonated tallow oil which declined fractionally because of weakness in the basic commodity.

The stepping up of war risk insurance in the danger zones, particularly the Mediterranean, did not have any direct effect on tanning material list prices as was the case in the previous crisis. Any shipments via the Mediterranean were subject to the new high rates, but the costs were passed to the buyers' account rather than attached to the normal c.i.f. price. This was done because of the rapidly changing rates.

There was little change in the demand for bichromates, with textile and leather consumers still following a moderate purchasing policy. Potash and soda prussiate were taken in a routine manner. A fair buying interest was reported in fustic and logwood. Blood albumen remained in a tight position, with demand sufficient to deplete available supplies. Egg products were quiet and unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn sugar, tanners, 10c. per 100 lbs.
Dextrin, 10c. per 100 lbs.
Starch, 10c. per 100 lbs.

Reduced

Tallow oil, sulphonated, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.4	134.2	135.7	151.7

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—The call from textile and dyestuff trade was spotty, and usually limited to small quantities. Prices were in conformity with those prevailing previously.

Antimony Salt.—Business in this direction was quiet last week. Sellers were adhering to quotations in force previously.

Potash Bichromate. — Little change from the moderate buying policy was uncovered in the market during the past week. Prices were well maintained.

Potash Prussiate.—Developments of importance were absent last week. Trading was along routine lines for the most part, and quotations held the same.

Soda Bichromate.—The call from the textile, leather and other consuming channels was not very broad. Prices were unchanged, and the tone of the market remained firm.

Soda Prussiate.—Spot and contract quotations were steady last week. Withdrawals were usually restricted to nearby needs.

Sulphonated Oils.—Quotations for various grades of tallow were ½c. per pound lower, reflecting recent weakness in the commodity market. Quotations for the castor and olive sulphonated oils were steady. Business was moderately active.

Zinc Dust.—Firmness continued to characterize trading in the market last week. Shipments were moving to various consuming channels at a fair pace.

Dyestuffs

Annatto.—The market lacked any new feature last week. Trading was along narrow lines, and prices were without alteration.

Archil.—A routine interest was manifest in the market throughout the past week. Prices were well maintained.

Cochineal. — Usual consumers were limiting purchases to take care of current requirements. No change was disclosed in the prices.

Fustic.—A fair buying interest was reported in the market. Prices ruled unchanged, and a steady to firm tone governed the dealings.

Logwood.—Sellers could point to no unusual demand, but orders were quite steady for moderate quantities. Quotations were without alteration.

Turmeric.—Dullness continued to prevail in the market. Quotatons were n line with those prevailing previously.

Sizing Materials

Albumen, Blood.—Little change in the tight position of the market was discernible last week. Demand was absorbing all available material. Prices continued firm.

Albumen, Egg.—The market remained quiet during the past week. Small lots usually made up the call. Quotations for the domestic and imported material were about steady.

Corn Sugar. — Quotations for the chipped, slabs and solid material were further advanced 10c. per 100 pounds, marking the second advance so far this month. The rapid upturn in the corn market because of the unsetttled European situation was directly responsible for the firmness.

Dextrin.—Prices were generally 10c. per 100 pounds higher last week due to the sharp advance in corn prices, which brought the basic commodity to new high ground since last July. A fair amount of business was booked before the advance.

Egg Yolk.—Domestic and imported quotations were unchanged. There was not much feature to the dealings, with consumers adhering to a conservative buying policy.

Starch.—Various grades of corn starch were advanced 10c. per 100 pounds for the second consecutive week to conform with the rapid advance in the basic commodity market. Bookings were heavier in the early part of the week in anticipation of the higher prices.

Tanning Materials

Cutch, Philippine.—A steady to firm price tone prevailed in this direction last week. Withdrawals were held to moderate proportions.

Gambier.—The position of the market was firm, with spot stocks of common, Singapore cubes and plantation reported none too plentiful. Buying was not very broad, however, and usually restricted to nearby needs.

Mangrove Bark.—Demand was somewhat limited for the fibrous and non-fibrous material, with quotations maintained at previous levels.

Myrobalans.—The market failed to record any price changes, while business was not expanding to any extent during the past week.

Quebracho.—Consumers pursued a moderate buying policy for the most part last week. A steady to firm price tone predominated.

Sumac.—Quotations for the ground and leaf material were steady. Tanners entered the market for necessary requirements only.

Valonia.—The market lacked any particular feature, with buying on a hand-to-mouth basis. Quotations were without change.

Wattle Bark.—Trading lacked any particular feature during the period under review, and commitments were not large. Prices ruled steady.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

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ALUMINUM SALTS FOR WATER REPELLENT TREATMENTS
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MUTUAL CHEMICAL CO. OF AMERICA — NEW YORK N.Y.
BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Business Retardation Fight Design of D.of C. Unit

—Continued from page 3

merce official; Roderick Riley, formerly of the Consumers Advisory Board staff; Paul Truitt, of Sears, Roebuck & Co.; Carroll Wilson, of Scudder, Stevens & Clark; and Dudley P. K. Wood, of the American Machine and Foundry Company.

Various Activities Planned

Secretary Hopkins will assign the division to various specific fields of action as they develop. In these assignments, its staff will be in constant consultation with representatives of business and with other government agencies. With reference to its objectives Secretary Hopkins said:—

The establishment of this new division will be a forward step in finding practical solutions to our problems and in promoting recovery. As I have said previously, I look upon the Department of Commerce as the Federal agency concerned with everything that concerns business—and particularly its relationship with the government.

The department already has a great fund of information about our economic problems. Through this new staff I hope that our knowledge can be brought into more active focus. The function of this group is not merely to study, but to attack major problems on many fronts. I want the Department of Commerce to proceed vigorously with the view of increasing employment and balancing our economic structure.

Housing Program Studied

One of the fields in which the new division will apply its efforts against business retardation is that of housing. Secretary Hopkins today gave the division as it first assignment the working out of a plan to interest private capital in the construction of dwellings for families in the lower income brackets.

G. V. Gilbert, direction of the division, in conjunction with E. J. Noble, Undersecretary of Commerce, has put the housing job especially in the hands of R. L. Davison, James Hughes and Robinson Newcomb, of the divisional expert staff. An advisory group of five or six businessmen is to be selected, with which the representatives of the division will confer on working details under the following purposes:—

1. The work must be done and financed strictly by private business and capital, with the government only advising and encouraging.

2. Homes or apartments should be designed to rent to persons with incomes ranging from $1,200 to $2,000 a year. No sale properties are planned, at least for the present.

3. Building costs would be reduced by using scientifically selected materials, put together to provide adequate strength and efficiency without costing as much as traditional methods.

Philip Carey Co. Elects R.S. King Vice-President

R. S. King has been elected vice-president and a member of the directorate of the Philip Carey Manufacturing Company, magnesia and asbestos products, Plymouth Meeting, Pa. In commenting on the business of the company, G. D. Crabbs, president, stated that net profits for July were satisfactory and that August shipments were running well ahead of July.

Mr. King had been president of the Pennzoil Company from 1933 to 1935. He entered the oil business in 1909 as an independent producer in Oklahoma. He formed the State Oil Company at Lincoln, Neb., two years later and in 1915 he established the Refiners Oil Company at Dayton, O. This latter holding was sold to the Standard Oil in 1931.

Colgate-Palmolive-Peet Reports Earnings for Six Months

The net profit of $2,427,093 earned by the Colgate-Palmolive-Peet Company in the first half of 1939 represents an increase of 47 percent over the $1,646,421 net profit reported in the same period of 1938, F. H. Little, president, announced in the semi-annual statement to stockholders.

The profit is equal to 88 cents each on the common shares after payment of the regular preferred dividends and compares with 47 cents a share on the common stock earned in the first six months of last year.

Mr. Little also announced that the company had called for redemption and retirement of 50,000 shares of preferred stock at the call price of $102.50 a share, plus accrued dividends from July 1 of .52 cents a share. This action was decided on by a vote of the board of directors on May 11, last. It will result in a reduction of preferred stock dividends totaling $300,000 a year, or about 15 cents a share of common stock.

As of June 30, 1939, the company's earned surplus, Mr. Little reported, was increased by $1,085,770 to a total of $10,720,145. Total domestic and foreign sales for the first six months of this year amounted to $50,513,605, against $49,864,258 during the similar months of 1938.

Arrid Cream Seized For Deceptive Package

OPD Washington Bureau August 22, 1939

The Food and Drug Administration has seized ninety-two dozen 10-cent jars of "Arrid" deodorant cream on the charge that it was packed in deceptive containers. The seizure was made at Atlanta, Ga.

It is alleged that the product was packed in opal jars with indentations, which violated section 602 (d) of the food, drug, and cosmetic act. The section forbids the use of containers so made, formed, or filled as to be misleading.

The product was labeled as being distributed by the Carter Products Company, New York, and this company has obtained removal of the trial from Atlanta to the New Jersey Federal court district.

Cleveland Paint Clubs Plan Outing for September 9

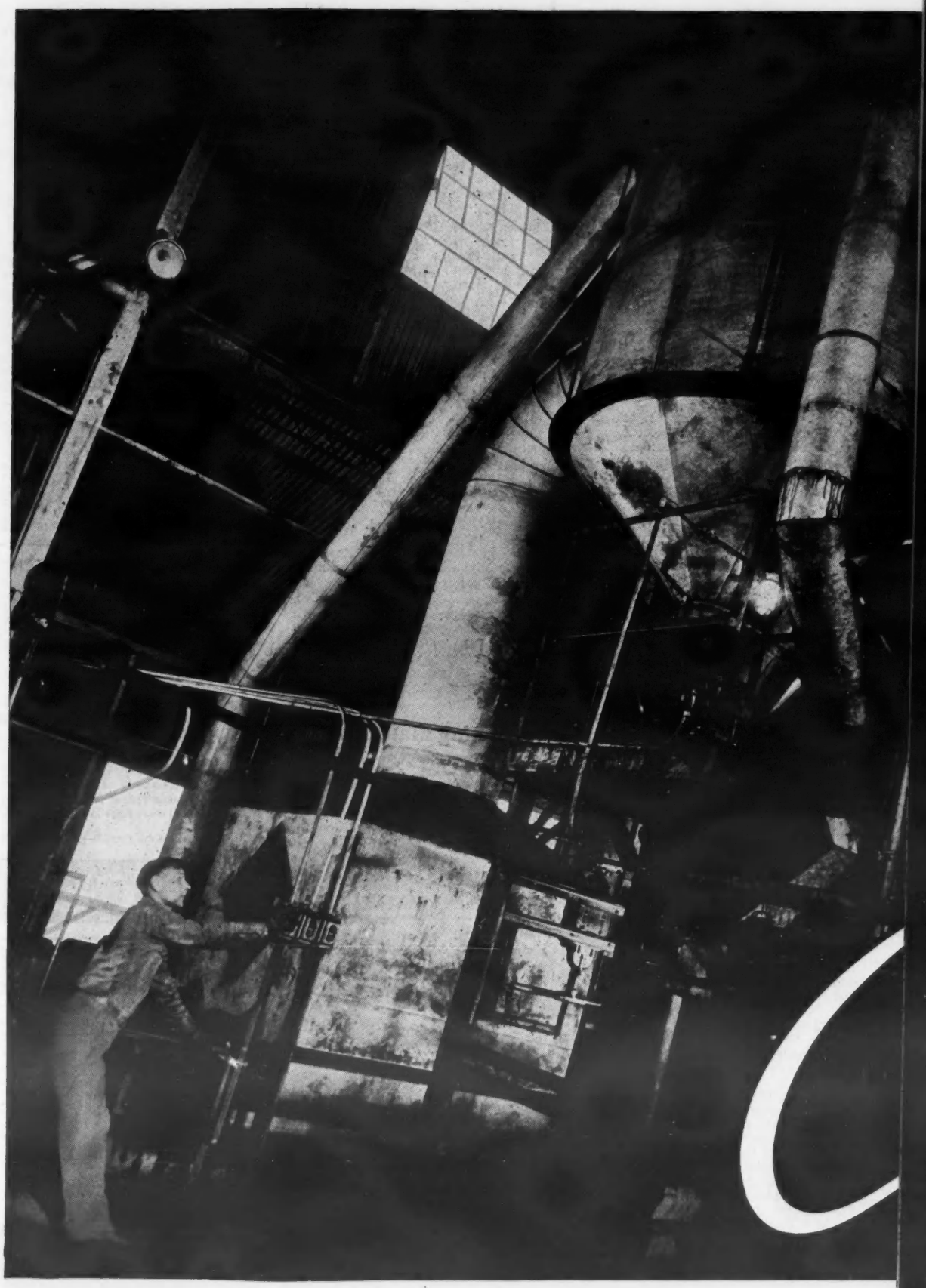
The annual get-together of the Cleveland Paint, Varnish and Lacquer Association and the Cleveland Paint and Varnish Production Club will be held at Schluter's Tavern, September 9. The annual soft-ball game between production and raw material men will take place promptly in the afternoon, followed by dinner at 6:30 p. m., after which an orchestra will be provided for dancing.

Nuhesive, Inc., Leominister, Mass., plans plant expansion and the purchase of new equipment and machinery through the issuance of 250,000 shares of 50-cent par common stock.

Mica Studied by Mines Bureau

The Bureau of Mines recently completed a survey of the production and consumption of built-up mica. This study was undertaken in view of the belief that mica insulation is a munition material of the first magnitude. A rough measure of the growth of the built-up mica industry is afforded by the statistics of imports of splittings. In 1926 these soared to a peak of 2,600 tons, but the average for the five-year period 1925 to 1929 was 1,840 short tons. After dropping to less than 500 tons in 1932, they rose sharply to almost 4,000 tons in 1937. This new record tonnage actually reflected a considerable building up of stocks, but the consumption of splittings, as reported by manufacturers to the Bureau of Mines rose from 898,249 pounds in 1932 to 4,347,435 in 1937. The latter figure was far above that of any previous peak year, and in 1938 the consumption dropped to only 1,667,806 pounds.

St. Louis clean up and paint up campaign resulted in consumption of 325,233 gallons of paint and varnish products valued at $1,079,807.



Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetylsalicylic:—Purchase; Riga, Latvia (3290).
Antipyrene: — Purchase; Riga, Latvia (3290).
Barbital:—Purchase; Riga, Latvia (3290).
Colors for cement:—Purchase; San Luis, Polisi, Mexico (3291).
Cosmetics: — Agency; Manila, P. I. (3365).
Dyes:—Agency; Toronto, Canada (3286).
Glue, transparent: — Purchase; Lima, Peru (3296).
Glycerin:—Purchase and agency; Salonika, Greece (3309).
Hexylresorcinol: — Purchase; Liverpool, England (3297).
Magnesia carbonate: — Agency; Cairo. Egypt (3384).
Medicinal confectionery: — Agency; Paris, France (3289).
Medicinal products: — Agency; Bucaramanga, Colombia (3314).
Oil, Grapefruit: — Purchase; Liverpool, England (3297).
Oil, Lemon:—Purchase; Liverpool, England (3297).
Oil, Orange:—Purchase; Liverpool, England (3297).
Pharmaceuticals:—Agency; Barranquilla, Colombia (3314).

E.W. Rebol Wins Fairchild Scholarship

Elmer William Rebol, of the School of Pharmacy of Ohio Northern University, returned the highest average in the Fairchild scholarship examination. He made a general average of 85.23, with a mark of 84.5 in chemistry; 81.7 in materia medica; and 89.5 in pharmacy. Thirty-four candidates participated in the examination, representing twenty-four schools. Twenty-five candidates averaged 70 or more in pharmacy; seven, 70 or more in chemistry; and eight 70 or more in materia medica; eleven of the candidates averaged 70 or more in all branches. The highest percentages were:—pharmacy, 92.8; materia medica, 82; chemistry, 84.5; lowest percentages in the same subjects follow:—pharmacy, 38.3; materia medica, 36; chemistry, 18.4. The highest general average was in pharmacy, 74.78; next in materia medica, 62.35, chemistry, 55.95.

Japan to Develop Naval Stores Industry

OPD Washington Bureau
August 24, 1939

Japanese producers of naval stores will be granted subsidies by the government for the purpose of developing and encouraging the output of naval stores, according to advices to the Department of Commerce from the office of the American commercial attache in Tokio. Notwithstanding the various attempts to stimulate rosin production in Japan, imports of the product into the country have not declined. Arrivals for the first five months of 1939 amounted to 10,619,500 kin, valued at 1,468,724 yen, as contrasted with 6,886,410 kin, valued at 974,702 yen, for the corresponding period of 1938.

Jardens in Bermuda

William H. Jardens, jr., president of the McCloskey Varnish Company, Philadelphia, will return after Labor Day, accompanied by Mrs. Jardens and their son, Donald Craig Jardens, from Bermuda, where they have been vacationing since August 1.

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Steel-Sash Putty Specification Proposed

OPD Washington Bureau
August 22, 1939

In a conference of manufacturers of putty last Spring it was the general consensus that a Federal specification for metal-sash putty separate from that for wood-sash putty (TT-P. 791a) was desirable. The feeling was that such a specification should be based on performance tests.

Work toward this objective was immediately started by Dr. H. A. Gardner, in the scientific laboratory of the National Paint, Varnish and Lacquer Association, in co-operation with E. F. Hickson, chairman of the technical committee on paint of the National Bureau of Standards. A number of suggestions were offered by putty manufacturers, who also furnished samples of the various types of metal-sash-putties for experimental work.

As a result a tentative draft of a proposed specification for steel-sash putty has been prepared and submitted by Mr. Hickson to the trade for comments and suggestions. Communications in connection with the proposed specifications should be sent to Mr. Hickson, 417 Chemistry building, National Bureau of Standards, Washington. Criticisms, suggestions, and other comment should reach him by September 15.

Paint Moisture Failure On Building Exterior Told

The third of a series of articles dealing with the role played by moisture in the failure of paints applied to the exterior of buildings is among the features of the August issue of the *National Painters Magazine*. Written by J. R. von Sternberg, New York architect and well known author of building and architectural articles, this installment treats such moisture failures as are likely to occur in existing buildings.

These failures, he states, are usually caused by one, or more, of the following factors: Changes in the mechanical equipment in the building, changes in the habits of its occupants, the addition of weather or heat stops, or the weakening of the building shell. Peeling of the paint membrane, it is emphasized, is a danger signal that moisture is undermining the paint film. Immediately on signs of peeling the cause of the moisture should be ascertained and corrected, it is said.

H. E. Manville, Sr., Retires From Johns-Manville

H. E. Manville, sr., has retired as chairman of the board and a member of the directorate of the Johns-Manville Corporation, this city. Mr. Manville had completed forty-nine years of service with the company and had served in many capacities, including secretary, vice-president and president. He was elected chairman of the board last March. The post of chairman will not be filled. His retirement was caused by ill health. Lewis H. Brown, president of the company, will preside at directors' meetings.

Plastics Competition Closing Date Set for September 23

The closing date for the fourth annual Modern Plastics Competition has been set for September 23. This national competition is open, without fee or obligation, to all companies using plastics for their products, to designers, engineers, molders, laminators, fabricators, raw material suppliers, and machinery and mold manufacturers. Any object or product designed or placed on the market since September 1, 1938, in which any sort of plastic material is a component part is eligible for entry.

Entries for the competition are to be filed with the sponsor, *Modern Plastics*, Channin building, this city. Prize winners will receive awards at a formal dinner in the Waldorf-Astoria hotel November 14, 1939.

E. T. Trigg to Address New England Paint Club

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, will address a luncheon of the Paint and Oil Club of New England in the Parker House, Boston, August 28. The luncheon was prompted by the wish of Mr. Trigg, who has been vacationing in New England, to renew acquaintances with New England members before his return to national headquarters.

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Coaltar Chemicals

Unsettled Conditions Abroad Have Little Immediate Affect on Creosote Oil, Cresylic Acid and Crude Naphthalene — Good Export Inquiry for Coaltar Solvents — Phenol Steady

Business in the market for coaltar chemicals was only fair last week. Consumers were not broadening commitments to any extent at this particular time, however, prospects appeared bright for a seasonal upturn in the near future. Automotive production will advance when new model production gets underway affecting a number of products directly and indirectly. The unsettled political situation abroad caused some apprehension, particularly on basic products imported in sizable quantities. The market lacked any new price developments.

Creosote oil, cresylic acid and naphthalene were the most likely crude materials to feel the effects of any conflict abroad. However, little buying of foreign materials emanated from this country, despite the fact stocks were not considered so large. A firmer price tone was evident in imported crude naphthalene, with some buyers apprehensive about supplies during the next several weeks. Shipments of creosote oil were not unduly large under the circumstances; imports for the first half of this year showed a decline from the same period a year ago, while exports displayed a sizable increase. Demand for imported cresylic acids remained slow, the position of the English market was firmer, but no reflection was shown in this country.

Coaltar solvents fully maintained their firm position. The moderate upturn in domestic production was well absorbed by various consumers. Inquiry from abroad remained good, and fair size shipments were made. Steel operations advanced to 62.2 percent of capacity, compared with 62.1 percent in the preceding week. Pyridin was a firm feature. Phenol was taken moderately, with some improvement anticipated in the near future from the synthetic resin and plastic industry; export business was about fair.

Buying of coaltar acids, intermediates and colors was steady, however, transactions were usually restricted to modest quantities. Fumaric and maleic acid were taken steadily for nearby production requirements. Anilin, dimethylanilin, nitrobenzene and phthalic anhydride received moderate support, with most business constituting necessary withdrawals against contracts. A firm price tone characterized trading in the various coaltar colors, but volume was not expanding in most basic consuming lines.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.2	125.2	125.2	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Shipments were maintained at a steady pace in major consuming channels last week. The market retained its favorable position insofar as production was concerned, although sellers were unable to accumulate any stocks, the moderate upward trend in output enabled domestic consumers to receive prompt delivery against contracts. Inquiry from abroad was good, and fair size shipments were made from time to time. Prices were without change, and a firm tone prevailed. Steel operations last week were scheduled at 62.2 percent of capacity, compared with 62.1 percent in the preceding week. A month ago operations were at 60.6 percent of capacity, while a year ago at this time the rate was 42.8 percent.

Carbazole. — Dyestuff manufacturers were limiting withdrawals to modest quantities. Prices were without alteration, and a firm tone prevailed for the various grades.

Coaltar.—Quotations for crude and refined coaltar were steady to firm. A routine interest against contracts constituted most of the business in the market. Imports of coaltar into Australia during the fiscal year 1937-38 increased to £3,147 from £1,740 in the corresponding fiscal year. None of the trade was shared by the United States, according to the American Trade commissioner at Sydney.

Creosote Oil.—The market offered nothing in the way of new developments last week. Sellers were adhering to quotations in force previously, while shipments against contracts were normal for this time of the year. Imports of creosote oil into the United States during the first six months of 1939 aggregated 24,959,304 gallons, valued at $2,704,473, compared with 28,960,197 gallons, valued at $3,315,503 in the like period a year ago. Exports from this country during the first six months this year amounted to 1,401,531 gallons, valued at $189,276, against only 115,801 gallons, valued at $25,081 in the like period a year ago.

Cresol.—Demand was only moderate for the USP and synthetic resin grades throughout the period under review. Quotations were in line with those established previously, and the tone of the market remained steady.

Cresylic Acid.—Business failed to expand in this direction. As a rule consumers entered the market for necessary quantities only. Domestic quotations were unchanged. Much attention was focused on the situation abroad, but so far demand for imported has not spurted. Stocks of foreign material in this country were not believed to be large, and, with the market abroad showing firmness, higher prices may develop in the event of hostilities. Quotations for import acids held about the same.

Naphthalene.—Quiet conditions ruled in the market for the refined and crude grades last week. Pricewise no change developed. There was not a great deal of interest displayed in the foreign material, and quotations were in line with those established recently. Some apprehension was manifest in the unsettled international situation, and this had a tendency to create a firmer tone.

Phenol.—Consumers were adhering to a moderate purchasing policy in practically all directions. The call from the synthetic resin and plastic trade was expected to show some stimulation in the near future, however. A fair inquiry was reported in the export market.

Pitch, Coaltar. — Dealings were along routine lines during the past week. Prices were well sustained. Imports into the Netherlands during the first half of 1939 totaled 15,099 tons, valued at 251,000 florins, compared with 4,843 tons, valued at 102,000 florins in the like period last year. Belgium, Germany and Great Britain supplied the bulk of the material.

Pyridin.—Firmness continued to characterize trading in the market. Crude and refined material was well absorbed, with sellers supplying practically all the material direct from production.

Tar Acid Oils.—Trading was not very active, and consumers limited commitments to moderate quantities in virtually all instances. Prices were unchanged.

Toluol. — Buying was along steady lines, and shipments against contracts were sufficient to keep the market in a firm position. A good inquiry was evident in the export market, and some fair-sized shipments were moving abroad.

Xylol. — A firm undertone governed the transactions. Supplies were adequate to take care of domestic requirements, and stocks were not considered large.

Chicago Coaltar Bases

The coaltar bases market is quiet and rather featureless. Inquiry for materials

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

has been generally along generous lines, and is taken to indicate that buyers are willing to consider continuing their recently fairly good-scale buying in the future. There are no broad general changes in the situation. Benzol buying is fair. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic. — Business continued along quiet lines during the week just ended. Quotations for the refined and technical were fully maintained.

Cleve's.—A firm tone remained in evidence during the past week. Shipments were about routine.

Fumaric.—A fair steady demand for moderate quantities was the rule in this direction. Prices held the same, and a steady to firm price tone prevailed.

Gamma.—Developments of importance were absent in the market last week, business was not very large. Prices ruled unchanged.

Maleic.—Shipments against contracts were moderately active, with the tendency to order close to production requirements still evident. Prices were in line with those established some time ago.

Sulphanilic.—Demand for the technical grade was restricted to nearby needs as a rule throughout the week under review. Sellers were adhering to quotations in force previously.

Other Intermediates

Alphanaphthol. — Quotations ruled unchanged. Business was along conservative lines during the week just closed.

Anilin.—Consumers were displaying a steady interest, however, transactions were only moderate as a rule.

Anthraquinone. — Dyestuff manufacturers made only necessary purchases in this direction. Sellers were adhering to quotations previously.

Benzidin Base.—A firm price tone characterized trading in the market last week. Trading was about fair.

Dimethylanilin.—Withdrawals against contracts were considered satisfactory, despite the fact most consumers were ordering close to production needs.

Dinitrobenzene. — A steady to firm price tone prevailed in the market last week. Buying was along steady lines for moderate quantities.

G. Salt.—Demand was strictly routine during the past week. No change was disclosed in the quotations.

—*Continued on page 34*

Philippine Islands Dye Imports Up in 1938

Imports into the Philippine Islands during 1938 of both American and German dyes showed large advances over 1937, according to information received from the Department of Commerce from the American trade commissioner in Manila. Among the reasons for the gains were the establishment of new industries and the consumption furnished by a local Japanese textile mill that was established in 1936. Most of the indigo shipments came from America. Fairly large supplies of dyes continued to arrive from the Netherlands. Imports in 1937 and 1938 were as follows:—

	1938 Kilos.	1938 Pesos.	1937 Kilos.	1937 Pesos.
Anilin—				
Totals	235,656	248,928	18,824	34,448
United States.	207,055	192,913	5,709	12,441
Belgium	9,731	12,257	6,711	8,957
Germany	15,761	40,039	2,199	8,187
Netherlands	1,790	2,333	3,601	3,676
Indigo—				
Totals	198,106	163,586	7,718	9,670
United States.	191,763	156,166	2,832	2,920
Germany	5,860	7,094	4,678	6,459
All other dyes and dyestuffs—				
Totals	.....	82,166	.....	129,588
United States.	.....	31,207	.....	11,659
Germany	.....	45,344	.....	44,317
Neth. Indies.	.....	40	.....	67,279

Calcium Carbonate Appliation In Glass Making Outlined

"Non-Fer-Al," precipitated calcium carbonate, and its importance in the introduction of calcium oxide into batches for fine glass making is reviewed in a new volume by the Pure Calcium Products division of the Diamond Alkali Company. Written by a specially retained consultant, the booklet contains his technical findings concerning the nature and application of "Non-Fer-Al," rather than a sales talk. A copy of the booklet may be had by addressing the Pure Calcium Division, Painesville, Ohio, mentioning the REPORTER.

Fisheries Bureau Studying Ultraviolet Ray Process

OPD Washington Bureau
August 24, 1939

Study is now in progress to determine more exactly the application of the ultraviolet ray process to the practical needs of the fishery industry, research in the irradiation of haddock fillets has developed the value of the ray as an aid towards greater conservation of the nation's aquatic natural resources. Preliminary tests by the Bureau of Fisheries showed that an irradiation of one hour on each side markedly reduced the bacterial count of haddock fillets without significantly affecting the appearance, texture, or dry matter content. Moreover, this comparatively long period of irradiation not only had no adverse effect on the nutritive value of the protein, but, on the other hand, increased the vitamin D content of the fillets.

Detailed information concerning the experiments, conducted by Joseph F. Puncochar, William B. Lanham, jr., and Hugo W. Nilson, of the Bureau of Fisheries, is contained in a bulletin, "Fisheries Investigational Report No. 43," which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, for 5 cents.

Water Tests Discussed

The importance of culture media standardization in obtaining reliable bacteriological results in the analysis of water is discussed in the August issue of the *Taste and Odor Control Journal*, published monthly by the Industrial Chemical Sales Division of the West Virginia Pulp & Paper Company, this city. The discussion is based chiefly on the standard method for making the coliform test. A copy of the leaflet may be secured by addressing the Industrial Chemical Sales division, 230 Park avenue, New York, mentioning the REPORTER.

Obituaries

Charles E. Birtchiel

Charles Edward Birtchiel, a pioneer in the Pithole, Pa., oil industry, died in Titusville, Pa., August 22. He was eighty-seven years of age.

Born at Buchanan Furnace, Pa., Mr. Birtchiel obtained his first job in the field as a laborer rolling barrels at Rock Mere. When the seventy-fifth anniversary of the birth of the oil industry was observed in Titusville, Pa., in 1934, Mr. Birtchiel, who had for many years operated leases in the pithole district, furnished much of the historical data.

Dr. J. H. Grisdale, former Deputy Minister of Agriculture of Canada, died August 24 in Iroquois, Ont. He was sixty-nine years old.

Dr. George W. Koiner, Commissioner of Agriculture in Virginia for nearly forty years, died in Richmond, August 10. He was eighty-seven years of age.

Robert S. Wright, until a year ago a member of the firm of Wright-Kearney & Co., wholesale dealers in paints and brushes, but since then a salesman for the Jenks Brush Company, Philadelphia, covering Maryland, Virginia, West Virginia and the District of Columbia, died suddenly on August 16 in a hospital in Baltimore. He was thirty-one years old.

Du Pont Stockholders Called For Special Meeting Sept. 29

Wilmington, Aug. 21, 1939

Directors of E. I. du Pont de Nemours & Co., preparatory to retirement of the company's debenture stock, have voted to call a special meeting of stockholders for September 29, including both common and preferred holders, to vote on an amendment to the company's certificate of incorporation to increase the authorized $4.50 preferred cumulative stock from 500,000 to 3,000,000 shares, and to increase the redemption price of such $4.50 cumulative preferred, including shares presently outstanding from $115 to $120, plus accumulated dividends to the redemption

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KOPPERS COMPANY. PITTSBURGH, PA.

Coaltar Chemicals

Other Intermediates

—*Continued from page 33*

Metanitroparatoluidin. — Prices were unchanged, and the market fully retained its firm tone. Business was confined to modest quantities.

Nitrobenzene.—Consumers were making fair size replacements at times last week. Quotations were well sustained.

Orthotoluidin.—No new developments entered the market. Business was steady for moderate quantities, and prices were without alteration.

Phthalic Anhydride.—The call from the synthetic resin and plastic trade was about in line with the past several weeks namely a conservative demand for nearby requirements. Prices held firm.

Thiocarbanilide.—No change occurred in the quotations. Business was spotty, and usually made up of small quantities.

Xylidin, Mixed.—The market remained about the same as the preceding period, with consumers pursuing a moderate buying policy. Prices were firm.

Coaltar Colors

A steady movement of moderate quantities was the rule in the market for various coaltar colors throughout the past week. Most consumers were hesitant in making commitments beyond nearby requirements preferring to bide their time until a little later, when Fall requirements will probably call for broader purchases. The price situation was unchanged and the tone of the market was one of firmness. There has been a considerable improvement in Japan's foreign trade in synthetic dyes during recent months. The total trade for the first four months of 1939 being valued at 4,964,000 yen compared with only 1,174,000 yen during the corresponding period of last year. Imports were valued at 1,715,000 yen during this period, against 175,000 yen in the first four months of 1938, while exports increased in value from 999,000 yen to 3,249,000 yen, according to the American commercial attache at Tokyo.

Merrimac Gets Massachusetts Safety Award

Osborn Benzanson, production manager; A. L. Gardner, plant manager; and C. E. Sevrens, safety engineer, of the Merrimac Division of the Monsanto Chemical Company, look over the Massachusetts Safety Council banner awarded to the Merrimac unit for the best safety record in the most hazardous group of State industries during the second quarter of 1939. The Merrimac record was 401,839 manhours without a lost-time injury. At the end of July the Merrimac division had operated approximately 925,000 manhours since its last lost-time injury.

Ribbon Weaving Industry Historical Data Given

The narration of the role of Basle, Switzerland, as an important ribbon weaving and silk dyeing center since the medieval period is presented in the August number of the *Ciba Review*, monthly publication of the Society of Chemical Industry in Basle. Abundant with illustrations, the articles recite the historical, economic, technical and statistical aspects of the ribbon weaving and silk dyeing arts from their inception. Supplementing the group of related articles is a department of historical gleanings, in which are found a number of interesting factual items. A copy of the issue may be obtained by addressing the Ciba Company, 627 Greenwich street, New York, mentioning the Reporter.

Alcohol Trucking Rules Modification Asked

—*Continued from page 5*

were promulgated originally on the theory that the trucking companies were not so reliable as the exempted carriers, there is no longer any justification for that theory, since the trucking operators have now won the confidence of the public and of officials. He also pointed out that the railroads, steamship companies, and express companies now have established trucking companies of their own, most of them since the Treasury Department's regulations were promulgated, and declaring that the existing rules constitute a marked discrimination against the trucking interests, he says:—

To this extent, whatever difference may have existed originally between truck operators and rail or water operations has been eliminated, and each mode of transportation is now being used by each transportation agency to round out the inherent advantages of each mode.

The Commissioner of Internal Revenue, replying to Mr. Beall's letter, has promised to "go into the matter thoroughly."

Armstrong Cork to Move Rubber Products Div. to Mass.

The Armstrong Cork Company's mechanical rubber products division, including shoe and textile specialties, now located at the headquarters for the company in Lancaster, Pa., will be consolidated with the rubber flooring operations at the South Braintree, Mass., factory. Present equipment now in use in Lancaster will be moved to South Braintree.

Mellon Institute Names Two for Pure Research

—*Continued from page 3*

In 1932 he gained the degree Ph.D., with a thesis entitled "Studies in the Carbohydrate Group."

In 1929 Mr. Tipson was appointed to a research fellowship in the department of industrial and cellulose chemistry, McGill University, Montreal, Canada, where, in collaboration with Prof. Harold Hibbert, he examined the structure of certain bacterial polysaccharides. He entered the United States in 1930 to become a research assistant to P. A. Levene on the staff of the Rockefeller Institute for Medical Research, New York, and in 1936 was promoted to the position of research associate.

Mr. Carlson was born in Lincoln, Nebr., in 1913. He pursued his early professional education at the University of Nebraska, from which he obtained the degree of B.S. in chemistry in 1933 and the degree of M.S. in the same field in 1935. A little more than a year was spent at the Iowa State College in biophysical chemistry, after which he transferred to the Ohio State University. At the latter institution he held a research fellowship in the Industrial Research Foundation, receiving the degree of Ph.D. in March, 1939, with a thesis entitled "Physiological Studies on the Synthesis of Dextran by Bacteria of the Genus Leuconostoc."

National Adhesive Changes Name to National Starch

The National Adhesive Corporation, this city, has changed its name to the National Starch Products Incorporated. The change in the corporate title was effected in order that the name be more descriptive of the products manufactured by the company. The management of National Starch Products will be identical with that of the National Adhesive Corporation, with Alexander Alexander as chairman of the board, and Frank Greenwald as president.

The former National Adhesive Corporation will be operated as a division of the National Starch Products and will continue to manufacture a full line of adhesives, lacquers, and allied products. The recently acquired Piel Brothers Starch Company, Indianapolis, will also be operated as a division of the National Starch Products. The majority of the company's glues and gums are manufactured from starches processed in its refinery in Dunellen, N. J.

Callahan Zinc-Lead Company, Wallace, Idaho, has leased space for its headquarters in the Time and Life building, Rockefeller Center.

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Paint, Varnish, Lacquer Materials

Casein Prices Advanced Again—Zinc Oxides, Titaniums in Good Demand—Lead Oxides Quiet—English Vermilion Reduced —Naval Stores Steady—German Buying Raises Shellac

Casein prices continued to climb higher last week and the strength of the material was again the highlight of the period. Zinc oxides and titanium pigments remained in good statistical positions with demand heavy and prices firm. Shipments of carbon black have decreased in comparison with last month but the demand last week was still very satisfactory to suppliers of the color. Quicksilver was still a poor item in the metal market and as a result English vermilion prices were again revised downward.

Changes in rosin and turpentine quotations were generally narrow, the prevailing tone in Southern and local markets being steady or firm. Receipts at primary points were fair as weather conditions were mostly favorable for production and marketing operations but daily offerings in Southern markets continued light. Business was reported quiet.

New orders for architectural terra cotta amounted to 10,817 short tons valued at $1,111,555 during the first seven months of this year, according to the Department of Commerce. The figures for the corresponding period of last year were 8,451 short tons worth $922,702.

A visitor to the United States from Columbia is interested in printing inks and related items. Further details may be had from the chemical division of the Bureau of Foreign and Domestic Commerce, Washington.

Shellac prices in London advanced sharply last Monday when Germany entered that market and placed large orders for later deliveries. Shortly after the business was taken, the British government ordered the end of selling of essential war materials. Calcutta advanced substantially under the above influence. Local quotations were unchanged but sellers showed considerably more reserve in accepting forward delivery business.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., ¼c. per lb.
imp., Argentine, ½c. per lb.
Turpentine, gum, ¼c. per gal.

Reduced

Red, quicksilver vermilion, 3c. per lb.
Rosin, gum, 2½c. to 5c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Both pig lead and slab zinc underwent a sluggish period last week. Demand was very light and several suppliers had difficulty in disposing of appreciable amounts of their stocks. Both metals made small price advances on the London Metal Exchange during the week but the advances were not large enough to affect domestic quotations. Stocks of refined lead in the United States decreased 5,619 tons during July, totaling 124,017 tons at the end of the month, against 129,636 tons at the end of June, according to the American Bureau of Metal Statistics. Shipments in July totaled 42,636 tons, against 38,710 in June. Production amounted to 37,021 in July, compared with 39,068 in June.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from August 19 to August 25, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday ..	$0.0505@.0510	$0.0490	16 1 3
Monday ...	.0505@.0510	.0490	16 2 6
Tuesday ...	.0505@.0510	.0490	16 2 6
Wednesday.	.0505@.0510	.0490	16 1 3
Thursday ..	.0505@.0510	.0490	16 0 0
Friday	.0505@.0510	.0490	16 5 0

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from August 19 to August 25, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515	$0.0475	14 10 0
Monday	.0515	.0475	14 8 9
Tuesday	.0515	.0475	14 11 3
Wednesday ...	.0515	.0475	14 7 6
Thursday	.0515	.0475	14 10 0
Friday	.0515	.0475	14 16 3

Pigments

Zinc oxides and titanium pigments continued in heavy demand, while movement of stocks of lead oxides and white lead was at a slightly lower level than the previous week. All prices were firm.

Litharge.—Demand was slacker, and consumers apparently had enough stocks on hand to cover immediate needs. The price was unchanged.

Red Lead.—The market was routine, with only small volume of material moving into consuming channels. A pick-up in activity is looked for next month. The price was unchanged and firm.

Titanium Pigments.—Buyers continued to create a very active market, and demand was at a slightly higher level. Tonnage moved into consumption was heavier, and inquiries for future delivery indicated a continuance of this increased sales volume. No prices were changed.

Zinc Oxides.—Similar to titaniums, these pigments remained in very heavy demand and gave indications of continued strength in the near future. Prices were steady and unchanged at the quoted level.

Fillers and Extenders

Routineness continued to be the only reportable item in this division of the paint market. Certain products were moving in fairly steady fashion, but none were in especially heavy demand.

Barytes.—Demand was at the same level as the previous week, and prices were unchanged as quoted. Importers reported a slightly better volume of sales last week, but the pick-up was fractional.

China Clay.—No new features appared in the market for this product since last reported. Demand was at the same level and the price was firm and unchanged.

Mica.—Paint and roofing material buyers continued to operate in more or less limited fashion during the period under review. Pricewise, conditions were unaltered.

Varnish Gums

For the third successive week suppliers were able to maintain prices at the same level, and a hint of firmness was seen in the market. Spot demand was still small, but a pickup in the Fall was indicated by a better interest in offerings for future delivery. Reports from foreign markets advised of a similar situation—small demand at present, but good interest in future deliveries.

Synthetic Resins

Ester gum was in routine demand last week, a condition seen in the market for several previous weeks. Shipments were reported steady and regular, although small in volume. Major suppliers continued to offer material at the quoted price that had been unchanged for several months.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Dry Colors

English vermilion was again revised downward despite a pickup in buyers' interest. The continued weakness of the quicksilver market was responsible for the drop. Carbon black sales were holding to good levels, although greatly decreased from any week last month.

Carbon Black.—Rubber tire manufacturers were still ordering out good tonnages of this color, but the majority of them had cut down on the size of their orders. The market was still strong, however, with sales volume at a very satisfactory level. The price was unchanged.

Cadmium Lithopone.—Major suppliers noted a pickup in sales last week, and reported that prospects for next month seemed much brighter. The price was still held at the quoted figure, despite the advance in the metal several weeks ago.

Mercuric Oxide.—Interest in this color continued unchanged last week and the technical grade material was still offered at $1.56 per pound.

Ultramarine.—Orders were at a slightly better level during the period under review and an increase in the number of inquiries for future delivery was seen. Prices were unchanged.

Vermilion.—Major English vermilion suppliers again reduced prices 3c. per pound, due to continued weakness of the quicksilver price. Material was being offered last week at $1.48 per pound for five tons or more and $1.52 to $1.55 per pound for smaller lots. Demand was a bit better during the period under review.

Driers

The spot demand for stearates, palmitates and other materials in this division of the paint market continued to be without feature last week. Movement of stocks on contract was routine and concerned only small tonnages. All prices were firm and unchanged at the quoted levels.

Naval Stores

Southern and local markets for rosin and turpentine continued to be featured by a steady or firm undertone last week, although shading of quotations on some grades of rosin at Savannah was noted at times. With offerings of that commodity in the open markets of the South generally light, changes in quotations from day to day were within comparatively small limits. In the case of dark grades of rosin, more or less scarcity continued to be noted and in the opinion of some there appeared to be little likelihood of any change in the situation in this respect in the near future.

So far as new domestic business was concerned, quiet conditions prevailed much of the time, the war-like news from Europe having a tendency to make consumers and dealers disposed in many cases to curtail purchases or limit their takings to comparatively small or moderate quantities. The movement of supplies on contracts, apparently held up well for this period of the year, however, this applying to both rosin and turpentine. A fair export inquiry for rosin was received from the Far East but other foreign buyers remained out of the markets of this country.

Weather conditions over much of the South were favorable for operations in the woods and the movement of supplies from the producing regions to the primary centers continued on a fair scale. There was nothing in the way of statistical developments, however, to bring about any change of ideas concerning production for the current season, estimates of a decrease in the output of 25 percent as compared with the previous season still being regarded as conservative.

French naval stores production for the current season is estimated at 7 to 10 percent less than last year, unfavorable weather during July having retarded the flow of gum, according to consular advices from Bordeaux. Domestic trade in that country was reported as good during July, but the export movement fell off.

Turpentine. — There was nothing stimulating in the way of market developments in the South, and business here continued along narrow lines, purchases generally being limited to comparatively small quantities to meet the current needs of consumers and dealers. The prevailing tone was steady.

SAVANNAH, Aug. 25.—The turpentine market had a steadier undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	23½	141	293	1,315	27,544
Tuesday	23½	74	281	95	27,730
Wednesday	23½	42	238	52	27,918
Thursday	23¾	54	383	663	27,638
Friday	23¾	50	165	...	27,800

* No trading.

JACKSONVILLE, Aug. 25.—The turpentine market continued quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	...	...	...	...	.....
Monday	23¾	...	327	232	54,248
Tuesday	23¾	...	282	...	54,530
Wednesday	23¾	...	80	...	54,610
Thursday	23¾	...	141	4	54,747
Friday	23¾	...	198	...	54,945

* No trading.

PENSACOLA, Aug. 19.—Turpentine receipts were moderate. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	104	476	22,573
Tuesday	37	...	22,610
Wednesday	10	...	22,620
Thursday	...	162	22,458
Friday	215	179	22,424
Saturday	21	122	22,393

CHICAGO, Aug. 25.—Trade in turpentine remains quiet. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

LONDON, Aug. 25.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	9
Monday	32	9
Tuesday	32	9
Wednesday	33	0
Thursday	33	0
Friday	35	0

Stocks of American turpentine in London were:—

	Aug. 25.	Previous week.	Last year.
Barrels	21,193	18,706	31,250

Rosin.—The local situation lacked features of more than ordinary interest last week. There was a fair inquiry, but purchases were generally limited to comparatively small or moderate quantities for prompt shipment. Changes in quotations were narrow in company with the course of prices in the south where the markets had a steady or firm tone.

PENSACOLA, Aug. 25.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	292	80	45	...	1,094	26
Shipments	101	...	...	16	100	571
Stocks:—	65,955	66,035	66,080	66,064	67,058	66,513

SAVANNAH, Aug. 25.—Changes in rosin quotations were narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	$3.90	$3.90	$3.90
D	...	3.90	3.90	3.90	3.90	3.90
E	...	4.00	4.00	4.00	4.00	4.00
F	...	4.30	4.30	4.30	4.30	4.30
G	...	4.60	4.60	4.60	4.60	4.60
H	...	4.95	4.92½	4.90	4.92½	4.92½
I	...	4.95	4.92½	4.90	4.92½	4.95
K	...	4.95	4.92½	4.90	4.92½	4.95
M	...	4.95	4.92½	4.95	4.92½	4.95
N	...	5.15	5.15	5.05	5.05	5.05
WG	...	5.60	5.60	5.55	5.60	5.60
WW	...	6.00	6.00	6.00	6.05	6.05
X	...	6.00	6.00	6.00	6.05	6.05

	Barrels				
Sales	...	458	649	272	232	32
Receipts	...	1,369	1,577	1,040	1,126	733
Shipments	...	2,072	788	115	3,322	18
Stocks:—	...	291,954	292,763	293,688	291,492	291,217

* No trading.

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WRITE FOR SAMPLES
The Hilton-Davis Chemical Co.
P. O. BOX 8, PLEASANT RIDGE STATION, CINCINNATI, O.

JACKSONVILLE, Aug. 25.—The rosin market remained quiet. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.35	$3.35	$3.35	$3.35	$3.35
D	...	3.85	3.85	3.85	3.85	3.85
E	...	4.10	4.10	4.10	4.10	4.10
F	...	4.40	4.40	4.40	4.40	4.40
G	...	4.60	4.60	4.60	4.60	4.60
H	...	4.95	4.95	4.95	4.92½	4.92½
I	...	4.95	4.95	4.95	4.92½	4.92½
K	...	4.97½	4.97½	4.97½	4.92½	4.92½
M	...	5.00	5.00	5.00	4.92½	4.92½
N	...	5.10	5.10	5.10	5.05	5.05
WG	...	5.55	5.55	5.55	5.60	5.60
WW	...	6.20	6.20	6.20	6.05	6.05
X	...	6.20	6.20	6.20	6.05	6.05
	Barrels					
Sales	...	...	...	...	47	...
Receipts	...	1,044	1,437	885	709	695
Shipments	...	727	192	...	2,062	56
Stocks:—						
	...	319,156	320,401	321,286	319,933	320,072

* No trading.

CHICAGO, Aug. 25.—Rosin quiet. Ruling prices at the close of business last night were:—B grade, $6.90 per lot of 280 pounds; G grade, $7.60; M grade, $7.52½; W. W. Grade, $9.

LONDON, Aug. 25. — Quotations on American rosin were as follows:—

	Per cwt. in barrels	
	Common.	W.W.
	s. d.	s. d.
Saturday	15 3	18 6
Monday	15 3	18 6
Tuesday	15 3	18 6
Wednesday	15 3	18 6
Thursday	15 3	18 6
Friday	15 3	18 6

Pine Oil.—There were reports of a somewhat better inquiry, though consumers were not disposed to purchase to any important extent in advance of current needs.

Pitch.—No broadening of trade was noted in the local market. There were reports, however, of some increase in the inquiry for small or moderate quantities for prompt shipment.

Rosin Oil.—Business continued along the same conservative lines noted for some time past. The market retained a steady tone.

Tar.—The market was rather quiet so far as new business was concerned, but there was a steady movement of moderate quantities into consuming channels on contracts.

Shellac

More price activity then had been current in the foreign shellac markets for some time past took place last week. The trend of quotations was upward and at last it was possible to state that the advance was caused by the possibility of war. London advanced sharply on Monday and the rise came as Germany placed large orders for shellac. Calcutta was also higher. On Wednesday values in London fell off slightly and the market was called quiet. Thursday prices were unchanged but all quotations from whatever foreign source were declared to be nominal. Spot prices failed of development but it was noted that local agents for Calcutta houses often times refused to quote on inquiries involving distant future shipment positions. Also, quotations were not held over from one day to the next; agents would not sell without confirmation from their principals.

Calcutta, Aug. 25.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Aug. 25.	Aug. 18.
August	9⅝c.	9c.

Day-to-day quotations were as follows:—

	Per pound.
August 18	9c.
*August 19	....
August 21	9¼c.
August 22	9⅜c.
August 23	9⅜c.
August 24	9⅜c. Nom.
August 25	9⅜c.

* No cables.

London, Aug. 25.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	August 25		August 18	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
October	35½†	7.74	34½	7.52
December	36½†	7.95	35½	7.74

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
August 18	34s 6d	35s 6d
*August 19	... ..	... ..
August 21	36s ..	36s 9d
August 22	36s ..	36s 9d
August 23	35s 6d	36s 6d
August 24	35s 6d†	36s 6d†
August 25	35s 6d†	36s 6d†

* No cables. † Nominal.

—Continued on page 57

Hendrick E. Hendrickson of S. Winterbourne & Co., this city, is vacationing at Shelter Island.

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Oils, Fats, and Waxes

Further Advance in Cottonseed Oil and Lard Futures—Buying on European News—Chinawood, Oiticica and Perilla Oils Firm —Coconut Steadier—Trade Somewhat Better

A steadier tone developed in the market for miscellaneous oils, fats and greases, advances being recorded in some commodities. This reversal of trend was attributed mainly to a rise in cottonseed oil and lard futures due to the war-like news from Europe. Business in some products was more active. Consumers were not disposed to anticipate to any important extent but an increase noted in the call for moderate lots.

Chinawood oil remained firm. An increase was noted in the inquiry here, but transactions were still limited by the inadequate supplies available. Perilla oil was generally held at recently advanced prices although rumors were current at times of offerings at slight concessions. Oiticica oil was firm, with supplies light and diminishing. Crude corn oil was firmer.

Cash lard prices had an upward trend at times, the market here being strengthened by a further recovery in futures in the West. Stearin met with an increased demand and the market was firmer. Animal oils were steady at recently reduced prices. No further changes were reported in refined fish oil prices. Tallow offerings were light and the market had a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bayberry wax, 1c. per lb.
Carnauba wax, No. 1 yellow, 1c. per lb.
No. 2 yellow, 1c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil, crude, ⅜c. per lb.
Lard, 25c. per 100 lbs.
Stearin, ½c. per lb.

Reduced

Carnauba wax, No. 3 chalky, ½c. per lb.
No. 3 North Country, ½c. per lb.

Comparative Values

Index numbers, compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
95.3	95.2	98.8	103.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

A firm tone continued to prevail in local and Pacific coast markets for chinawood oil. Here the ruling quotation was still 21c. per pound in tankcars. Rumors were current at times, however, to the effect that business had been closed at a fraction over that figure. Pacific coast prices were above the ruling quotation here with a tendency to widen still further, quotations of 22c. per pound and upward being heard in quarters where 21½c. was named in the previous week. As in recent preceding periods, very little oil was offered for shipment from China and there was no increase in offerings from local sellers. Some dealers here were not in a position to offer for prompt or nearby delivery. An increase was noted in the volume of inquiries received, buying interest being stimulated by political developments at Hong Kong and the possibility that the forwarding of supplies of chinawood oil may be further restricted by the tightening of the blockade of that port.

Vegetable Oils

Coconut.—The tone of the market for crude oil appeared to be somewhat steadier. No change occurred in spot oil, but for delivery next year 2⅞c. was quoted. There were reports of a fair movement on contracts and transient orders. Refined oil was in fair request and steady.

Corn.—The market for crude oil had a steadier tone, this apparently being due to an upward trend at times in competing product. Offerings were generally light and in some instances quotations were advanced ⅛c. There was a fair inquiry.

Cottonseed.—Edible oil was somewhat more active, buying interest being stimulated by the recent reduction in prices. The market last week was steady. Foreign oil continued nominal.

Oiticica.—A firm tone continued to prevail, quotations being held at recently advanced levels. There was a fairly active inquiry. Supplies of spot oil appeared to be comparatively light and diminishing.

Peanut.—Crude oil was reported as steadier, the tone of the markets being influenced by an upturn in competing product. Offerings were reported as light, with quotations ⅛c. to ¼c. higher in a nominal way.

Perilla.—Demand was less active but offerings continued light on spot and for arrival and sellers were generally firm in their views, 12c. being the prevailing quotation for spot in tank cars.

Soybean.—An increase was noted in the inquiry with sales reported at 4c. per pound for crude oil in tankcars at mills. The tone of the market appeared to be steadier.

Markets at Other Centers

Chicago, Aug. 25.—A generally steady market situation is noted in most grades of vegetable oils. Prices are ruling at levels that compare well with quotations existing earlier. Buyers are not willing to depart from their long-standing policy of conservative purchasing.

COCONUT.—Coast basis, August-forward, 2½c. to 2¾c. per pound. Refined, edible oil, 8⅜c. to 8½c. per pound, barrels, car lots; and 9c. to 9¼c., barrels, less than car lots.

CORN.—Crude, low acid, 4⅞c. to 5c. per pound, partly nominal. Refined, edible oil, 8c. to 8½c. per pound, barrels, car lots; and 8½c. to 8¾c., barrels less than car lots.

PEANUT.—Crude, mills, August-forward, 5c. to 5⅛c. per pound.

SOYBEAN.—Crude, mills, August-September, 4c. to 4¼c. per pound; October-forward, 3¾c. to 4c.

The market for soybeans on the Chicago Board of Trade was more active, speculative interest being stimulated by the political situation abroad and by the developments in the grain markets, the latter being more or less excited at times with the trend of prices upward. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Aug. 25.	Closing Aug. 18.
October	$0.72¼	$0.68⅝	$0.69¼	$0.68¼
December	.72	.67¼	.68⅝	.67

LOS ANGELES, Aug. 22.—Paint and varnish oils, like chinawood and perilla, are finding a fair acceptance at steady prices—prices which were established some weeks ago and continue to hold in firm fashion. Coconut oil, while nominally easy, is bolstered somewhat by the view the mills are taking towards an expected maritime strike on the Coast next month which would, if it goes into effect, make for a stoppage in copra supplies.

Ruling prices are:—

CHINAWOOD—Quoted at 21¾c. to 22c. per pound in tankcars, f.o.b. Pacific Coast ports for prompt or future delivery out of spot stocks or for shipment from the Orient.

OITICICA—Steady. Raw, liquid oiticica oil, laboratory controlled, uniform quality, standard specification, quoted on the basis of 16c. per pound in drums and/or tankcars, f.o.b. Pacific Coast for spot stocks or future delivery from Brazil. Other grades quoted nominally at 15½c. for liquid and 14½c. per pound for solid oil.

COCONUT—Quoted on the basis of 2½c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for prompt or future shipment, with some sellers naming 2⅝c. Copra quotations dropped another fraction last week, as competition for business became a little more accented, and it would appear that the main outlet for shippers at primary source continues to be the European markets. Crushers here are taking on supplies only moderately, afraid that the anticipated shipping strike here in September will hold up arrivals. Quoted:—1.575c. per pound, c.i.f. Pacific Coast ports.

TEASEED—Free acid teaseed oil is quoted on the basis of 9¾c. per pound in drums or tankcars, f.o.b. Pacific Coast for shipment out of the Orient.

PERILLA—Steady. Quoted on the basis of 12c. per pound in tankcars, f.o.b. Pacific Coast, for shipment from abroad or from Coast mills.

London, Aug. 16.—Soybean oil, crude, 25s. 6d. per cwt.; peanut, Indian, crude, 23s.; rapeseed, Japanese, crude, 27s. 3d.; palmkernel, English, refined, 25s.; whale, crude, No. 1, 16s. per cwt., Rotterdam.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Linseed Oil

The trend of flaxseed prices was upward at times. Linseed oil, cake and meal steady.

Flaxseed.—DULUTH, Aug. 25.—Trading in flax in this market is taking on the liveliest aspect it has assumed in several years, with crusher buyers active in the market for choice seed, paying up to the limit and offering additional premiums for dockage types. Cash sales are the highest in a long time, the price ranging from $1.49¼ to $1.60.

Receipts have been exceptionally heavy, running 249 cars against 75 last year, during the first half of the week. The supplies of flax in store here increased by almost 100,000 bushels for the week.

The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.53½	$1.49
Monday	1.56	1.52
Tuesday	1.56	1.52
Wednesday	1.58½	1.55
Thursday	1.59	1.54
Friday	1.59½	1.54

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week	185,048	123,491	....	....
Since Aug. 1	222,661	137,241	21,750	....

MINNEAPOLIS, Aug. 25.—A flood of new crop flaxseed hit the local market during the past week, Monday's receipts smashing all previous records for one day by a wide margin. In fact, arrivals of that day doubled all previous records. As far as records show the previous high total for one day was 492 cars and on Monday last the total was 842 cars and each car held about 1,400 bushels of seed. Before the market session was over 119 additional cars arrived, making a total of 961 cars, which will make quite a mark to shoot at in the future. There was enough seed involved to bring a return of over $2,000,000 to the farmers and shippers up country.

Demand for the heavy offers was aggressive and premiums held very firm to a shade stronger, buyers paying ½c. overage for the choicest quality. All of the offers were cleaned up before the session was over. Private estimates indicate a

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crop of 16,000,000 bushels this year. To date 3,400 cars have been received, mostly from southern Minnesota, where yields were heavier than anticipated. On the whole the quality averages very good this season.

Trade in futures was enormous at times and on the day of the heaviest movement futures rallied a nickel. This was due to the failure of crushers to hedge any of their purchases while commission houses were trying to buy back hedges that were out on cars sold in the cash department.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.52½	$1.49½	$1.49½
Monday	1.55	1.52	1.51½
Tuesday	1.55	1.52	1.51½
Wednesday	1.57½	1.54½	1.54½
Thursday	1.57	1.54	1.54
Friday	1.57½	1.59¼	1.59½

Crop movement in bushels follows:—

	Receipts— 1939.	1938.	Shipments— 1939.	1938.
This week	2,970,600	957,860	90,000	142,470
Since Sept. 1	7,176,400	4,972,790	915,950	568,354

WINNIPEG, Aug. 25.—Flaxseed futures were irregular with outside markets. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.28	$1.29	$1.24½
Monday	1.32	1.33	1.28½
Tuesday	1.30¼	1.31¼	1.27
Wednesday	1.35¼	1.36¼	1.32
Thursday	1.40¼	1.41¼	1.36½
Friday	1.33¼	1.36¼	1.31½

BUENOS AIRES, Aug. 25.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	$1.17⅞	$1.13⅝
Monday	1.17⅞	1.13½
Tuesday	1.16⅝	1.13½
Wednesday	1.15½	1.14
Thursday	1.16⅝	1.12½
Friday	1.10⅝	1.11¾

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	217,000	....	....
United Kingdom	110,000	....	4,000
Continent	362,000	354,000	402,000
Orders	291,000	....	67,000
Others	31,000	20,000	31,000
Totals	1,011,000	374,000	504,000

Since January 1

To—	Bushels— This year.	Last year.
United States	11,145,000	8,061,000
United Kingdom	658,000	1,110,000
Continent	18,395,000	17,027,000
Orders	7,243,000	6,857,000
Others	2,465,000	1,019,000
Totals	39,906,000	34,674,000

Visible Supply

	Bushels.
Last week	3,937,000
Previous week	3,937,000
Last year	4,724,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	560,000	288,000	368,000
Continent	.....	80,000	.....
Others	.....	.....	.....
Totals	560,000	368,000	368,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	5,520,000	5,932,000
Continent	376,000	388,000
Others	288,000	84,000
Totals	6,184,000	6,404,000

HULL, Aug. 25.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£11¼	£13
Monday	11⅛	13
Tuesday	11⅝	13¼
Wednesday	11½	13⅛
Thursday	11¾	13¼
Friday	11¾	13¼

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Linseed Oil.—Quotations here ranged from 7.8c. to 8.2c. per pound in tankcars, according to seller, and the market was steady on that basis. Crushers who were willing to accept business early in the week at 7.8c. per pound, in some cases advanced quotations one point later on, but there were still sellers at 7.8c. at the close of the week. On the other hand, quotations on less than car lots were shaded by some sellers.

So far as new business was concerned, quiet conditions prevailed much of the time, the volume closed during the period apparently being small. Withdrawals on contracts held up well, however, the movement into consuming channels apparently being rather liberal for this period of the year. Statistics issued by the Flax Institute of the United States showed that consumption of linseed oil during the second quarter of the current year was 20,771,139 gallons against 15,967,471 gallons in the previous quarter.

Flaxseed prices had an upward trend in domestic markets during the week in company with grain. Receipts were heavy, but the offerings were readily absorbed by crushers and cash interests. The Buenos Aires flaxseed market was lower at the close of the week, influenced by developments in foreign exchange.

Receipts of flaxseed at New York last week were 279,323 bushels.

MINNEAPOLIS, Aug. 25.—Having engaged maybe 65 percent of their requirements of the period ending March 1 linseed oil buyers now are resting and trade is moderate. The latter part of last week saw a rush of orders for tankcar to heavy round lots and crushers filled their books with open contracts to a larger degree than usual for so short a space of trading time.

Large quantities of oil were bought for shipment this fall and instructions already are showing up. Supplies in secondary positions proved very light and there was little old oil on hand here. Local operations expanded considerably and now call for the use of about 65 percent of available presses. One of the larger companies is running full force and another over 50 percent. One small company is still closed down.

By the turn of the month it is expected that full capacity will be in operation, or close to it.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8.1c. per pound; cooperage car lots, 8.7c. per pound; warehouse lots, 8.7c. per pound; warehouse lots, 9.1c.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,920,000	1,249,699
Since week Sept. 1	75,608,953	71,844,407

LOS ANGELES, Aug. 22.—Reported heavy commitments on prompt and future deliveries of linseed oil, both here and in the San Francisco markets were realized last week, as several important buyers came around to the conclusion that the bottom of the market had been reached and was passing possibly into higher ground. There is a firmer tone apparent. Oil was traded here last week on the basis of 7c., it was reported, after earlier business at 6.9c. per pound. In San Francisco, the trading level was reported as 7.1c. per pound, tankcars.

CHICAGO, Aug. 25.—Linseed oil quiet. Ruling prices are:—Tankcar, 8.0c. per pound; car lots, 8.6c.; less than car lots, 9.0c.

LONDON, Aug. 25.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	24	4½
Monday	24	4½
Tuesday	24	9
Wednesday	24	9
Thursday	25	3
Friday	25	3

Cake and Meal.—A steady tone prevailed in the market here, quotations being held at previous levels. There was a fair export inquiry for cake. Domestic trade in meal was slow.

MINNEAPOLIS, Aug. 25.—Drouth in the eastern part of the country started demand for linseed meal around $25 per ton and heavy absorption at that level finally brought in general buying and the market now is up $4 per ton from bottom. Crushers have disposed of all of the meal they hope to make up to the end of the year.

Shipping instructions are very good and the outmovement is very liberal compared with a year ago. Currently the instructions are caring for the entire output of by-product.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $29 to $29.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	4,760,000	1,591,900
Since Sept. 1	102,004,625	125,825,713

CHICAGO, Aug. 25.—Linseed meal quiet. Ruling prices are:—Round lots, $29 per ton, largely nominal; car lots, $29 to $30; less than car lots, $31 to $32.

Cottonseed Oil

Refined cottonseed oil futures were more active and firmer. Southern markets for cottonseed products steadier.

Cottonseed Oil.—The trend of refined cottonseed oil futures in the local market was mainly upward last week although there was more or less irregularity at times as a result of profit taking. There was more disposition to buy than there was to sell, however, the purchasing being based mainly on the war-like news from Europe and the possibility that imports of foreign oils may be sharply curtailed should hostilities break out. Shorts covered and there was also active buying for long account attributed to local, southern, western and foreign interests. This buying carried December above 6c., which compared with a recent low of less than 5½c.

On the advance recent buyers took profits. There was also more or less selling on upturns for a turn on the short side on the idea that the advance discounted much that is bullish in the situation. The selling was not of an aggressive character, however, in view of the serious political news from abroad. There was considerable switching from near to distant positions. September was switched to October at 11 points difference, to December at 23 points, to January at 31 points and to March at 41 to 42 points. October was switched to March at 31 points difference, and January to March at 11 points.

Southern markets for crude oil were firmer, prices in some sections being ⅜c. higher. Demand for refined cottonseed oil showed some improvement. Trade in lard compound was also more active. Corn oil was higher and the tone of the market for coconut oil appeared to be steadier. Lard futures displayed noteworthy strength at times in the Chicago market where speculative sentiment, for the time being at least, seemed to be much more friendly than recently to the long side.

The export movement of lard was on a fair scale. From November 1 last to August 19 this year the exports of lard from Atlantic and Gulf ports for all destinations amounted to 156,364,623 pounds against 130,404,871 pounds in the same time last season. Receipts of hogs at some points were smaller, arrivals in the principal western centers for four days of the week being 172,200 head against 160,800 in the same time last year. The weight of the hogs received in Chicago during the week ended August 19 average 285 pounds against 295 pounds in the previous week and 290 pounds in the week before that.

Reports concerning the progress of the cotton crop were regarded as favorable in the main, although bullish news continued to be received from some sections. The weekly government report stated that in Texas progress and condition continued good in the extreme south and west and fair to locally good elsewhere. In Oklahoma progress was mostly fair to good. In Tennessee and Arkansas progress was mainly good. In the eastern Gulf and Atlantic states there was too much rain.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 21 to August 25, inclusive, comprised 1,201 contracts, a total of 72,060,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	6.07	5.76	5.91@5.92
March	6.30	5.85	6.02 sale
September	5.86	5.45	5.59@5.60
October	5.98	5.55	5.71@5.74
December	6.11	5.67	5.85 sale

Crude, Southeast, .04⅝c. nom.

Chicago, Aug. 25.—While conditions appear to be somewhat mixed in the cottonseed oil market, appearance of a better tone is noted in some quarters, and prices have stiffened to a certain extent recently. Buyers are ready to take modest amounts of material. Good, off-Summer, yellow fig oil is 5⅝c. per pound. Refined, edible oil is 8c. to 8½c. per pound, barrels, car lots; and 8½c. to 9c., barrels, less than car lots.

Hull, Aug. 25.—Quotations on cottonseed oil were:—

	Refined Per cwt. s.	d.	Egyptian crude, Per cwt. s.	d.
Saturday	19	0	16	6
Monday	19	0	16	6
Tuesday	19	0	16	6
Wednesday	19	0	16	6
Thursday	19	0	16	6
Friday	19	0	16	6

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cake and Meal.—Southern markets had a steadier tone. Offerings of spot material in all sections continued to be reported as light. There was a somewhat better inquiry for meal.

Markets at Other Centers

Atlanta, Aug. 26.—Meal of 8 percent grade is held at $23 to $23.50 at Southeastern mill points. Prime crude oil in the southeast 4½c. to 4⅞c. per pound, a slight advance over last week. The condition of the cotton crop in the eastern belt is improved as the result of a week's rainy spell.

Memphis, Aug. 25.—Some trading in crude cottonseed oil this week at 4½c. to 4¾c., Valley basis. The highest price reported this week was 4⅞c., which was paid at Alabama mill points. Mills continue reluctant sellers, except in a small way, owing to the lateness of the cotton crop and the paucity of seed receipts to date. Meal very steady. Quoted today at $22 per ton for prompt shipment. Memphis basis, and $21 for Fall shipment. Expected here cottonseed products markets will be unsettled until situation abroad clarifies. Felt that hostilities will cause cottonseed oil to sell much higher.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 17.	August 25.
September	$20.00@——	$20.40@20.70
October	19.85@20.15	20.25@20.55
December	19.85@19.95	20.30@20.60
January	19.85@20.00	20.30@20.65

Fatty Acids

Caproic Acid.—The tone continued steady, quotations being maintained at previous levels. No broadening of trade was noted but the movement of moderate quantities was steady and apparently on a normal scale for this period of the year.

Cottonseed Oil.—The market for this fatty acid was more active in a jobbing way, buying interest being stimulated to some extent by an upward trend at times in prices for basic material. Quotations were generally stationary.

Lauric Acid.—A steady tone prevailed, quotations being maintained at the levels prevailing in recent preceding weeks. There were reports of a somewhat better inquiry though consumers were not disposed to anticipate.

Red Oil.—Business continued along conservative lines, but there were reports of a somewhat better inquiry for moderate lots from local and other consumers. The market had a steady tone.

Stearic Acid.—No change in the character of business was noted last week. There was a fair inquiry for moderate lots, however, the movement of such quantities apparently being somewhat larger than in the previous period.

Markets at Other Centers

Chicago, Aug. 25.—A somewhat steadier tone is reported in various sections of the fatty acids market. Trade is mostly on a restricted basis.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8½c., tankcar, mostly nominal; 8½c. to 9c., barrels, car lots; 9c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7c. to 7¼c. per pound, tankcar; 7½c. to 7¾c., barrels, car lots; 8c. to 8¼c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2½c. to 2¾c.; boiled down soap stock, 65 percent basis, 3½c. to 3¾c.; cottonseed foots, 50 percent basis, 1⅛c. to 1¼c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—New developments in the way of price changes in refined oil were lacking, the market being steady at the reduction announced in the previous week. The market was somewhat more active. Consumers were not disposed to anticipate, but the recent decline in price was followed by an increase in the request for moderate lots.

Sardine.—Refined oil was steady, quotations being maintained at the lower levels established in the previous week. There was a fair inquiry though consumers were not disposed to purchase in advance of current needs. According to some reports, the coast market for crude was steadier.

Whale.—A steady tone prevailed in the local market for refined oil, quotations being held at former levels. There was a fair demand for moderate quantities.

Markets at Other Centers

Baltimore, Aug. 25.—Reports about the state of the market for menhaden oil show a rather sharp divergence, some members of the trade are stating that conditions are about as they had been, which would mean that sellers are asking not less than 24c. per gallon, and perhaps more, since the earlier statements had it that the fishing companies were not inclined to accept the ideas of the potential buyers, who had placed their last previous business at that level. According to other authorities with supposedly close connections, however, the market has taken a sharp drop, and that 21c. per gallon is now mentioned as the ruling figure. They indicate that actual sales have been closed on that basis, and that further business could be negotiated at this price. At the same time it is to be said that the fishing companies operating down the lower Chesapeake Bay and outside of the Virginia capes have fared somewhat better in that the fish caught are in good condition, with the oil yield on the increase.

Los Angeles, August 22.—While major buying elements in the fish oil trade—those who are interested in taking on large parcels for the soap kettles—view the current situation in the light of 20 or 21 cents per gallon, tankcars, Coast basis, producers have firmed up in their ideas of price and the situation in California during the past week was marked with but little business. Sellers today are holding firm at 22½c. per gallon and higher, as actually very little oil is on the market at that figure and for the most part quotations are not being mentioned by producers. This situation has of course, its background in the impasse attached to labor negotiations between the plant owners and the interests representing the fishing fleets. Although California's season is now in its fourth week, no actual fishing or production has taken place in the San Francisco-Monterey area, where operations might have been expected on August 1.

In Los Angeles, local refiners and processors have been buying up northern-produced oil, but there is a great deal of question attached to their contracts insofar as the time of delivery is concerned. If the oil is not actually produced, contracts will automatically be washed out with no penalty owing to the terms of sale. As things stand, the Coast, while it should be right in the midst of a rather heavy production season, is not making any oil of which to speak, what with the rather slow returns reported out of Oregon and Washington and the status-quo in northern California.

The southern California season will be legally opened on November 1.

Meantime, the labor side of the disagreement in the north is still holding out for $11 per ton on raw fish, a figure virtually impossible to pay in view of the current quotations on oil.

Fats and Greases

Grease.—No broadening of trade was noted, but a fair inquiry was reported for moderate quantities of spot product to fill the current needs of consumers. The market had a steady tone.

Lard.—Cash prices had an upward trend in the local market at times in company with the course of futures in the West where speculative sentiment, for the time being at least, appeared to be more friendly to the market. Trade here was quiet.

Stearin.—The market was firmer. The inquiry was somewhat more active and sales were reported at an advance of ¼c. to ½c. per pound.

Tallow.—Offerings were generally light and the market appeared to have a steady tone. There were reports of a somewhat better inquiry. Such transactions as were noted did not involve important quantities, but the recent decline in prices apparently stimulated buying interest to some extent.

There was no trading in tallow futures on the New York Produce Exchange from August 21 to August 25, inclusive. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
October	...	...	4.30@4.55
December	...	...	4.35@4.60

Markets at Other Centers

Chicago, Aug. 25.—Better tone developing in the cash lard market seems to have been the logical reflection of stronger futures market. Shipping trade has been fair. Tallows have steadied and now are in improved tone. There is improved interest.

The range of lard quotations from the opening Saturday, August 19, to the close Friday, August 25, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$5.55	$5.70	$5.67	$5.70	$5.47
October	5.50	5.85	5.52	5.62	5.45
December	5.55	5.92	5.55	5.70	5.52

TALLOWS (tierces).—Edible, 4⅜c. to 4⅝c. per pound; prime, 4¼c. to 4½c.; fancy, 4½c. to 4⅝c.; special, 4c. to 4¼c.

STEARINS (barrels.)—Prime oleo, 5⅜c. to 5⅝c. per pound; lard, packages, 6½c. to 6¾c.; white grease, 4¼c. to 4½c.; yellow grease, 4c. to 4¼c.; oleo stocks, 6¾c. to 7c.; No. 2 stocks, 6¼c. to 6½c.

Liverpool, Aug. 25.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	September.	October.
	s. d.	s. d.	s. d.
Saturday	33 3	33 3	34 0
Monday	33 3	33 3	33 9
Tuesday	33 9	33 9	34 3
Wednesday	34 0	33 9	34 3
Thursday	35 0	35 0	35 9
Friday	35 6	35 6	36 3

Liverpool, Aug. 25.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	17 6	16 3
Monday	17 6	16 3
Tuesday	17 6	16 3
Wednesday	17 6	16 3
Thursday	17 6	16 3
Friday	17 6	16 3

Animal Oils

Lard.—Quotations were stationary and the tone of the market appeared to be steady. Business lacked snap, but a somewhat better inquiry was noted for moderate quantities of the various grades for prompt shipment.

Neatsfoot.—The market was steady at the downward revision of quotations announced in the previous week. Consumers were not disposed to anticipate, but there was a fair request for moderate quantities.

Oleo.—There was a somewhat better inquiry from local and other consumers, much of the purchasing being limited to comparatively small or moderate lots to fill current needs. The market was steady.

Tallow.—Prices were steady at recently reduced levels. Trade was quiet.

Markets at Other Centers

Chicago, Aug. 25.—A rather steady market situation has developed in the animal oils, with prices holding unchanged at the levels to which they recently declined. There is a fair amount of business.

LARD.—No. 1, 7½c. to 7¾c. per pound.
OLEO.—No. 2, 6½c. to 6¾c. per pound.
TALLOW.—Acidless, 6¾c. to 7c. per pound, tanks; and 7½c. to 7¾c., drums.

Waxes

Bayberry.—Prices were advanced to 27c. to 28c. per pound and stocks were very low. Domestic production was totally lacking and South American offerings were infrequent at the best. Some report that the present strength of the market is caused by new uses that have almost exhausted stocks. Others say that it is purely a lack of production.

Bees.—Prices were firm. Offerings of African wax were very few last week and spot quotations stood minimum at 19½c. per pound. Other crude wax was steady in price and should improve as the foreign production season ends. Demand for refined and bleached wax supported prices fully.

Carnauba.—Futures were easier. Spot trade was not very active and some shifting of values was noted. The No. 3 grades were a shade lower at 28½c. to 29c. per pound for No. 3 chalky in ton lots, and 29½c. for the No. 3 North Country, also in ton-lot quantities. No. 1 yellow was higher at 42c. to 43c. per pound in ton lots, and the No. 2 North Country was also up to 41c. to 42c.

Japan.—Shipment quotations have advanced sharply, putting spot quotations up to the basis of 13c. to 13½c. per pound. Some sellers refused to take any business at less than 13½c. and reported that to be virtually replacement cost.

Spencer Kellogg & Sons, Buffalo, N. Y., has filed an amendment to its annual report with the Securities Exchange Commission giving details of a bank loan of $2,250,000 obtained from the Marine Trust Company in August, 1938. Notes mature semi-annually in amounts of $150,000.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

TALL OIL
90-92% SAPONIFIABLE
(About 45% Rosin Acids, 45% Fatty Acids)
Prompt Delivery Ex-Warehouse, New York
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SHELLAC
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NO RUBBING WAXES
No. 65 EXTRA WHITE REFINED BLEACHED SHELLAC
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Drugs, Fine Chemicals

One Acetone Maker Advances Spot Prices—Glycerin Steadier on European War News — Quinine Firmer — War Risk Insurance Up—Alcohol Position Improved

War clouds over the Vistula river turned the attention of many in the drug and fine chemical market to the probable effect of a European war on business in this country. Actual repercussions were lacking but there was a feeling of uneasiness prevalent, especially among those who went through the 1914-1918 cataclysm.

During the period, war risk insurance rates were advanced sharply, especially on goods now in Poland. The rates from England and France were definitely higher as compared with normal. Actual war would raise cargo rates promptly but, of course, such a development was purely potential last week.

Threat of war caused the quicksilver position to be examined. Beyond steadying values, devlopments were lacking. Since domestic mines have supplied home requirements and kept foreign metal out of this market for virtually months, consumers here seemed assured of a supply. However, war would bring a heavy demand from England and France and that angle was not overlooked. Glycerin was very steady.

One producer of acetone advanced his spot delivery price, leaving the contract figure unchanged. Others reported no change in the market for either spot or contract business. Quinine was naturally firmer because of the foreign situation; war eventually would raise the cost of quinine substantially; it always has. Cocoa butter was fractionally higher.

Alcohol production and other data for the first month of the fiscal year were released last week, revealing a better statistical position than a year ago: stocks were far lower. Cadmium metal held all its recent strength and the future was promising. Solvents generally seemed steady as to price and demand was also very fair in the main.

A visitor from Venezuela who was expected to arrive in the United States about the middle of August for a stay of two months is interested in obtaining lines of toiletries. Full details regarding this visitor are available at the Bureau of Foreign and Domestic Commerce, Washington, to accredited American firms. Please refer to Foreign Visitor No. 981.

Acetanilide. — A gain in trade was noted, but the improvement was moderate. The market continued in firm position, with values in line with production costs and apparently well stabilized.

Acetophenetidin.—Considering the season, business was more than usually active, but most orders were for small quantities needed to tide buyers over until the more active season shall arrive. Prices continued to be well stabilized.

Acid, Acetylsalicylic. — Trade had a steady quality that needed only a larger volume of request to put this item into the more than ordinarily active group. As it was, the material was steady in price and, also, in excellent reserve as to stocks.

Acid, Citric.—It seemed probable that supply houses distributing this item hold stocks almost sufficient to carry them over to the season when consumption will undergo its normal decrease. It has been a good year on the whole, one in which prices remained low and very stable.

Acid, Lactic.—Substantially firm undertones were the rule. Stocks were not exceptionally large, but they seemed equal to the present consuming requirements. Prices were well maintained and free from tendency toward fluctuation.

Acid, Gallic.—The photographic grade was still subject to the active currents that run through the market in the Summer. The local quotations were very steady and market undertones were virtually firm.

Acid, Tartaric.—Somewhat less demand from houses supplying the beverage trade was noted last week, but the curtailment was moderate and left a very fair movement to keep the market steady to firm throughout the entire period.

Agar.—Sensational price activity has been followed by an era of price stability at comparatively high levels. Nothing in foreign communications indicates an early shift in the position of strength dominant in markets at home and abroad.

Alcohol. — Industrial alcohols moved in fair volume and steadily throughout the past week. While the situation lacked special feature, it was significant that the undertone was generally steady, and prices showed a deal of stability throughout the period. Comparative statistics on pure and denatured ethyl alcohol for July in 1938 and 1939, as prepared by the Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Ethyl Alcohol

	Proof gallons 1939.	1938.
Production	17,642,710	16,370,042
Withdrawn, tax paid	1,764,836	1,684,094
Stocks, July 31	32,231,669	33,716,965
tax free	14,145,327	12,603,958

Denatured Alcohol

	Wine gallons 1939.	1938.
Completely Produced	542,979	1,303,340
Removed	527,689	1,221,990
Stocks, July 31	670,229	779,849
Specially Produced	6,893,739	5,407,077
Removed	6,867,719	5,419,830
Stocks, July 31	1,344,271	473,520

Bonded Dealers

	Wine gallons 1939.	1938.
Specially denatured— Received from denaturing plants	220,986	246,615
Disposed to bonded manufacturers	300,778	265,160
Inter-dealer shipments	5,149	5,150
Stocks, July 31	295,755	260,622

Aloe.—All reports showed the primary source of supply to be very firm as to price and also to hold only moderate stocks to meet consuming demand of nearby future. Imports declined sharply last year due mainly to smaller receipts from the Netherlands West Indies, as may be noted in the following table:—

	Pounds 1936.	1937.	1938.
Italy	1,146	655	.....
United Kingdom	3,797	1,359	.....
Other British West Indies	26,000	5,322	.....
Netherland West Indies	666,533	648,822	420,918
Aden	4,480	3,057	4,249
Union of South Africa	43,763	35,677	43,380
Canada	.....	546	.....
Venezuela	.....	11,321	.....
Netherlands Indies	.....	7,972	97,500
Saudi Arabia	.....	3,871	8,006
British India	.....	.....	4,144
Total	745,719	718,602	578,197

Aloin.—The strength of raw material was more than enough to hold quotations firm on aloin. Furthermore, a fair spot demand prevailed and prospects for Fall business were good.

Bismuth Metal and Salts.—Movement was very fair on the whole and the market prices for salts were firm in line with the well maintained price of bismuth metal. Stocks were in good shape.

Cadmium.—Metal held firm on the basis of the recent advance and conditions seemed to forecast a market of firmness and good activity during the Fall and Winter months.

Caffeine.—Steady absorption of production contributed much to the general price stability that seemed in no way likely to be disturbed for some

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cocoa butter, ¼c. per lb.
Corn syrup, 42 degrees, 10c. per 100 lbs.
43 degrees, 10c. per 100 lbs.
Silver, bullion, 4½c. per oz.
nitrate, 2⅝c. per oz.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	182.6	182.7	183.0

Market news that may have developed after this report was sent to press will be found on page 4.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
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Also other grades—Stocks in principal cities
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FISH LIVER OILS
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Preparation of Powdered Gum Acacia (Arabic) presents a difficult job if a quality product such as our No. 1 U. S. P. Powdered Gum Acacia is desired. The problem: to remove ingrained bark (caused when acacia forms around bits of bark) and sand (tiny particles driven in by sandstorms).

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time to come. The movement into consumption was normal for the current time of the year.

Castor Oil.—The spot position of this item was reasonably steady but it was intimated that less firmness in values prevailed when it came to more distant deliveries on contracts, if large quantities were involved.

CHICAGO, Aug. 24.—Business in castor oil is reported fairly steady, with few features. Orders have been holding up comparatively well, with indications of the possibility of improvement later. Ruling prices are:—No. 1, barrels, car lots, 9⅛c. per pound; barrels, less than car lots, 10¼c.; returnable drums, car lots, 8⅞c.; drums, less than car lots, 10c.; tanks, 8⅜c.; No. 3, barrels, car lots, 8⅝c.; barrels, less than car lots, 9¾c.; returnable drums, car lots, 8⅜c.; drums, less than car lots, 9½c.; tanks, 7⅞c.

Cocoa Butter.—Quotations were firmer on the basis of a slight advance to the basis of 10½c. to 10¾c. per pound on car lot quantities. Demand was reported slightly improved.

Codliver Oil. — New developments were lacking but the market continued to display a firmness of undertone that had communicated itself to this market from foreign sources of supply. Demand for deliveries out of spot stocks was moderate but, apparently, almost on a normal basis for the season.

Corn Syrup.—Further rise in the price of corn carried syrup 10c. per 100 pounds higher to the basis of $3.07 for 42 degree, and to $3.12 for 43 degree material.

Glycerin.—Notwithstanding the war clouds over the Vistula river, Poland, the users of glycerin displayed apathy toward the article throughout the past week. No requests for anticipations of contract deliveries, no placing of new business on a rush basis, no evident concern over the future availability of supplies of all sorts: the market was orderly, on an even keel, and entirely stable so far as prices went.

CHICAGO, Aug. 24.—Chemically pure glycerin is reported to be holding steady. Considerably improved demand is expected soon. Other grades of glycerin are quiet, with orders quite good. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; less than car lots, 12¼c.

Menthol.—The market was quiet as to activity. Buyers covered requirements freely to the extent of their actual needs and the business done was just about sufficient to hold prices steady and in line with prevailing replacement costs.

Mercurials.—Quotations were steady and likely to remain so until such time as manufacturers are actually working on a lower valued raw material, or until such time as the foreign situation works its will on the future price for quicksilver, which was steadier last week.

Methanol. — Undertakings on this market were moderate in volume. Sales of denaturing grade were said to be fair in size and made on the basis of a firm price position. Refined and pure methanol of all varieties were steadily maintained.

Quicksilver.—The marching of troops in central Europe caused many quicksilver operators in this country to center their interest on possible developments abroad. The danger of war seemed very real and hence there was possibly a lessening of the recent tendency to turn small lots of metal into cash. Actual war abroad would strengthen the market by raising export demand. It was pointed out last week that for a long time the domestic mines have been able to supply the total of domestic needs. Very little European metal has found owners in this country. Price has shut the item out of this market.

Quinine. — Past history has shown that war on a large scale ultimately means much higher prices for quinine. Hence, the European situation was not without its importance to quinine buyers in this country last week. However, everything was potential and the market continued on its path unchanged from its substantially steady prices and general support.

Santonin. — New developments were lacking. Governments of two partners —the Russian and German concerns— in the santonin cartel set up recently with offices in Stockholm, Sweden— signed a commercial pact, and also one of non-aggression. The third partner— the British company—faced the possibility of its participation in the cartel being ended by war between Great Britain and Germany. In the meanwhile, prices remained strong and high.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are

—Continued on page 57

TARTARS
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STEARATES - ZINC - MAGNESIA
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Botanical Drugs, Spices, and Gums

Canada Balsam Lower — Raspberries Higher and in Low Supply at Source—Red Poppy Reduced—Marjoram Decline Extended—Culvers and Elecampane Down

Although tension in Europe was higher throughout the past week, the local botanical market was totally lacking in reflex action. The commercial and political rapproachment between Germany and the Soviet Union came as a bombshell to European nations, particularly to England and France, countries that even at the time the pacts were announced were negotiating with the Soviet representatives to bring that nation into the circle opposed to the partitioning of Poland for a fourth time. England and France reasserted their determination to defend the Poles from aggression and at a late hour in the week the possibility of war was still very real.

Inquiry among dealers on spot, as well as among agents of foreign shippers failed to develop the slightest reflection of the situation abroad. Cables offering goods to this market changed very little and, when change was made, it was to lower price levels usually. Spot dealers reported total failure of the domestic consumers to enter the market for large lots. While the cutting off of botanical drug shipments still threatened, domestic consumers remained cool and confined their activities to normal transactions.

The situation abroad was being watched closely but in the past year has the cry of "War" been raised so often that its reiteration last week left consumers rather cold. Still they realized that the situation abroad was dangerous and watched events keenly.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	960
Belladonna	...	220
Caraway	1,864	20,909
Cardamom (cases)	32	1,054
Celery	...	1,168
Coriander	195	10,142
Cumin	278	2,975
Digitalis leaves (cases)	...	...
Dill	...	893
Fennel	315	1,240
Henbane leave (bales)	...	126
Mustard	...	15,054
Poppy	...	21,645
Sage leaves (bales)	...	1,237
Sesame	1,846	14,445
Stramonium	299	339
Thyme	40	994

Price Changes

Prices were changed during the past week as follows:—

Advanced

Celery seed, French, ¼c. per lb.
Cumin seed, Algerian, ½c. per lb.
Cassia, China, select broken, ¼c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ½c. per lb.
Elder flowers, bright, 2c. per lb.
Pepper, black, Lampong, ½c. per lb.
Raspberries, dried, 5c. per lb.
Saffron, Spanish, 50c. per lb.
Strophanthus seed, 25c. per lb.

Reduced

Canada balsam, $1 per gal.
Culvers root, 1c. per lb.
Elecampane root, ½c. per lb.
Ginger, Jamaica, bold, 1c. per lb.
Marjoram, French, 2c. per lb.
Tunisan, 2c. per lb.
Paprika, Hungarian, extra fancy
Nutmegs, 80's, ½c. per lb.
Paprika, Hungarian, extra fancy, ½c. per lb.
medium, 1c. per lb.
Poppy flowers, red, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.9	122.7

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Fir.—Canadian balsam was somewhat easier and lower on the basis of $9.50 to $10 per gallon, an inactive demand developing a trend of values in favor of manufacturing consumers. Oregon balsam lacked change.

Peru.—Undertakings of manufacturing consumers were not many last week but in the main the market was in an apparently stable position because of the fact that replacement cost precludes any substantial tendency toward shading of quoted levels.

Barks

Black Haw.—Although demand was very quiet, the market had a firm undertone that stemmed from the fact that values in the primary market have been very steady of late and accretions to stocks have been made at prices suggesting a maintenance of present replacement costs to dealers.

Cascara Sagrada. — Values were very steady on spot. Primary market costs have not varied much from those set at the beginning of the collection season and conditions at the source did not suggest any substantial lowering of prices on new crop goods during the coming season of consumption.

Cocillana.—Undertones were strong. Demand was on a hand-to-mouth basis most of the time and volume was conservative. Quotations were on the steady side in the absence of much competition.

Cottonroot. — Reserves were in very good shape to care for consumption between now and the new crop. However, consumer interest was at low ebb most of the time last week but that was no more than a normal situation at this time of the year.

Orange Peel.—Stocks of sweet peel were rather moderate abroad and the price position there was said to be strengthening. Locally, a very firm market was reported on the basis of unchanged prices.

Beans

Tonka. — Values were substantially steady last week. While demand was irregular and usually involved small lots, the fundamental position of the article was such as to make for the firm maintenance of spot quotations while awaiting a betterment in consuming request.

Vanilla.—Bourbon beans were firm at $5.50 to $6, as to quantity bought. Reports concerning new crops were to the effect that they would be no larger than a year ago and, in all probability, would be actually slightly smaller. Mexican beans were in similar position. As to demand, it compared favorably with that in recent weeks and in the Fall a marked pickup in interest was forecast.

Berries

Juniper.—Steady prices and consumption prevailed and the general undertone of the market was well sustained.

Raspberries.—Quotations were higher at 45c. to 50c. per pound. Report had it that production this year fell behind normal and that at the present time but limited stocks of unsold goods were available either on spot or in the primary market.

Flowers

Arnica.—Replacement costs have not declined in keeping with the accumulation of new crop goods in Europe. In fact, values there have been distinctly firm of late. Locally, sellers reported light demand filled at firm prices.

Elder.—Prices on bright flowers were higher at 21c. to 23c. per pound, depending on seller and quantity. This was to bring spot quotations into line with replacement costs which were firm abroad.

Poppy.—Quotations were lowered to 85c. to 90c. per pound under conditions suggestive of a gain in local competition. Sales outlets were not numerous and most transactions involved jobbing lots.

Pyrethrum.—Nothing suggests a more favorable price position in the several primary markets. On the contrary, it was felt that there was an excellent chance that the cost of flowers in Japan might be advanced further. Home requirements of the Japanese have made them very independent and permitted them to keep values to an upward trend. Concentrates were in very firm position and a moderate increase in raw material cost would probably be reflected in quotations on the derived articles.

Saffron.—Spanish flowers were quoted $28 to $29 per pound, a slight advance but also one entirely in line with the fact that the recent declines had been caused solely by local competition. It was a development out of step with the replacement position of the item.

Gums

Arabic.—Prices remained firm. With the present situation in Europe, values on spot showed no tendency to shift in favor of buyers. A war involving Italy and England would probably stop exports through the Mediterranean Sea and the longer haul by way of the Cape of Good Hope would mean an advance in replacement cost. The situation was being watched closely. In the meanwhile, very good reserves existed in this market.

Benzoin.—Activity was restricted, being usually on a hand-to-mouth basis but also being sufficient to keep the present low prices to a generally firm position.

Mastic.—The situation still pointed to the possibility of prices on replacement goods being arbitrarily raised when the control mechanism functions fully. It will be recalled that sales were to be made through a single agency in the future and that control of prices and crops were to be effected for the purpose of getting more money out of the crop.

Sandarac.—Prices continued strong and the tendency was upward. An expansion in demand would quickly force higher levels on this market because stocks to cover world needs over the next year were said to be not in excess of 15 to 20 tons.

Herbs and Leaves

Belladonna.—Prices were very steady and seemed likely to so remain over the balance of the somewhat slower period of the year. Replacement cost was firm and conditions were not making a decline in quotations likely.

Ephedra.—Plentiful stocks of this important raw material were in the hands of the leading manufacturing consumers. Furthermore, it seemed entirely probable that exports from China would be normal.

Henna.—Very good consumption was reported. The season has been excellent this Summer and volume has compared favorably with that in previous months. Prices were very steady.

Marjoram. — French material was sharply lower at 21c. to 22c. per pound. Tunisan was proportionately lower at 10c. to 20c. Chilean goods held unchanged at 14c. to 14½c. The movements in price merely turned the item in the direction of normal values.

Senna.—Consumption has been very good and stocks of some qualities, especially the higher grades of material, were none too plentiful since recent arrivals have consisted mainly of other and lower qualities. Prices on the No. 1 quality were very firm but arrivals, expected soon, may bring about a rectification of prevailing spot quotations.

Miscellaneous

Cantharides.—Moderate demand proved sufficient to keep quotations generally very steady in local quarters. Buyers bought little more than their current needs but in view of the replacement position of both kinds, quotations on spot held firm regardless of the absence of a larger consuming request.

Ergot.—The position of Portuguese and Spanish material remain potentially strong and until something definite in the form of firm offerings on new crop is in hand, the prices on spot seemed likely to be well maintained. However, prices on what was called European ergot, which has been passed on arrival here, were substantially lower abroad than the last quotations named on Spanish and Portuguese material.

Lycopodium.—Undertones held firm but trading was light and mainly of jobbing sort throughout the past week. Quotations were well maintained in a market notable for its lack of competition.

Nux Vomica.—Consumption by the leading manufacturers proceeded at a good pace, contributing firmness to the raw material market and keeping spot quotations to a very steady basis.

Papain.—Talk of lower prices having been taken for powdered material was still heard last week but open quotations of the leading sellers were still free from change. Primary market prices, also, were apparently stable.

—*Continued on page 46*

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Shellac
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Stannous chloride
Turpentine
Venetian red

Mosquito Larvae

Toxic Exterminants of Mosquito Larvae

(*Continued from August 21 issue*)

2-Naphthylamine
2-Naphthylmercaptan
Nicotine salt of ammonium-lauroyldiethylene
1-Nitro-2-naphthylamine
2-Nitroparatoluidin
Nitrosobenzene
1-Nitroso-2-naphthol
Orthoamino-4-chlorophenylmercaptan hydrochloride
Orthoaminophenylmercaptan hydrochloride
Orthoaminothiophenol
Orthoaminothiophenol hydrochloride
1-(Orthoanisylazo)-2-naphthol
Orthobromonitrobenzene
Orthochloronitrobenzene
N-(Orthochlorophenyl)-anthranilic acid
Orthocyclohexylphenol
Orthodinitrobenzene
Orthodiphenylbenzene
Orthoiodonitrobenzene
Orthonitroanilin
S-(Orthonitrophenyl) sulphuramine
Orthophenylphenol
1-(Orthotoluinomethylmercapto) benzothiazole
Orthotolylanthranilic acid, normal
1-(Orthotolylazo) -2-naphthylamine
4-(Orthotolylazo)-orthotoluidin
Orthotolylmercaptan
Para-aminophenol
Para-aminophenylmercaptan hydrochloride
Para-aminothiophenol hydrochloride
Parabromobiphenyl
Parabromoiodobenzene
Parabromonitrobenzene
Parabromophenol
Parabromophenyl ester of thiocyanic acid
4-(Parabromophenylazo)-metacresol
4-(Parabromophenylazo)-orthocresol
4-(Parabromophenylazo)-phenol
4-Parabromophenylazo)-resorcinol
4-(Parabromophenylazo)-5:6:7:8-tetrahydro-1-naphthol
Parabromophenylmercaptan
Parabromothiophenol
Parachloroalphafural-acetophenone
Parachlorobiphenyl
Parachloroiodobenzene
Parachloronitrobenzene
Para-p'-chlor-2-nitrophenyl ester of thiocyanic acid
Parachlorophenyl ester of thiocyanic acid
Paracyclohexylphenol
Paradibromobenzene
Paradichlorobenzene
Para-(2:5-dichlorophenylazo)phenol
Paradi-iodobenzene
Para-p'-dimethoxydiphenylamine
Paradinitrobenzene
Parafluorobenzoic acid
Parafluoronitrobenzene
Parahydroxybenzophenone
Para(hydroxyphenylazo)-pyrogallol
Paraiodoacetanilide
Paraiodoazobenzene
Paraiodobiphenyl
Paraiodophenyl ester of thiocyanic acid
4-(Paraiodophenylazo)-orthocresol
Paranitroanilin
Paranitrobiphenyl
Paranitrophenylacetonitrile
1-(Paranitrophenylazo)-2-naphthol
4-(Paranitrophenylazo)-resorcinol
Paranitrophenylmercaptan
Paranitrosodimethylanilin
Paranitrosodiphenylamine
Paranitrothiophenol
Paraphenylanilin
Paraphenylazoanilin
Paraphenylazodimethylanilin
Paraphenylazodiphenylamine
Paraphenylazophenol
Paraphenylphenol
Paraphenyl(thiocyanoacetophenone)
Parathiocresol
1-(Paratoluinomethylmercapto) benzothiazole
Paratolyl ester of pyromucic acid
Paratolylanthranilic acid, normal
Pentachlorophenol
Phenanthrene
Phenothiazin
Phenothiazin-6-carboxylic acid amide
Phenothiazin-6-carboxylic acid amylamide
Phenothiazin-6-carboxylic acid orthochlorophenylamide
Phenothiazone
Phenothioxin
Phenyl ester of benzoic acid
1-(N-Phenylacetamido)-benzoxazole
1-Phenylazometacresol
1-Phenylazo-2-naphthylamine
4-Phenylazo-orthocresol
1-Phenylbenzothiazole
1-Phenylbenzoxazole
Phenylmercaptan
Phenyl-1-naphthylamine, normal
Polymerized thiocyanogen
Pyromucamide
1-(Pyromucylmercapto)-benzothiazole
Retene
Salol
Sodium 1-chlor-6-phenylphenoxide
Sodium orthophenylphenoxide
Sodium salt of benzylthioxanthic acid
Sodium 2:3:4:5-tetrachlorophenoxide
2:3:4:6-Tetrachlorophenol
1:2:3:4-Tetrahydrocarbazole
5:6:7:8-Tetrahydro-1-naphthol
1:2:3:4-Tetrahydro-7-nitrodibenzofuran
Thioacetanilide
Thianthrene
Thiobenzanilide
2-Thiobenzoxazole
Thiocarbanilide
2-Thiocoumarin
Thioxanthene
Thioxanthydrol
9-Thioxanthone
2:4:6-Tribromoanilin
2:4:5-Trichlor-6-nitrophenol
2:4:6-Trichlorophenol
2:4:6-Tri-iodophenol
Triparatolyl ester of trithioarsenous acid
Triphenyl ester of trithioarsenous acid
Xanthene
Xanthydrol
Xanthone
2:6-Xylenol
3:4-Xylenol

Nitrobenzene

Emulsifiers for Nitrobenzene

Acacia
Acetoanaphthenedisulphonic acid
Agar
Albumen
Alkali hydroxides
Alkali sludge sulphonates
Alkali sulphonates
Alkylether-alphathiosulphonic acids and their salts
Ammonium linoleate
Ammonium tannate
Amylamines
Amyltetrahydronaphthalenecarboxylic acid
Benzylcellulose
Benzylstarch
Butyl acetylricinoleate
Butyl ester of acetylated polymerized ricinoleic acid
Butyl ester of polymerized ricinoleic acid
Carragheen ethylether
Carragheen methylether
Casein
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil alkali compounds
Castor oil fatty acids
1:6-Chloronaphthalenesulphonic acid
Cellulose ethers
Clay
Cresols
Dextrin
Diamylamines
Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamine
Diethylene oxide
Diglycol stearate
Emulsifier B 585
Emulsone
Ethyl acetylricinoleate
Ethyl ester of acetylated polymerized ricinoleic acid
Ethyl ester of polymerized ricinoleic acid
Ethyldextrin
Ethylstarch
Gelatin
Glycopon
Gluten
Gums
Hemicellulose
Inulin ethylether
Inulin methylether
Invadine N
Isinglass
Isopropylchloronaphthalenesulphonic acid
Lichinin ethylether
Lichinin methylether
Meta-aminodimethylanilin
Methyl acetylricinoleate
Methyl ester of acetylated polymerized ricinoleic acid
Methyl oleicsulphonate
Methyl ricinoleate
Methyl undecylinate
Methylcellulose
Methyldextrin
Methylenedisulphonic acid
Methylethyleneglycol monopalmitate

(*To be continued*)

Botanical Drugs

—*Continued from page 45*

Roots

Belladonna.—No further downward revision of prices, spot or forward, has been made of late. On the contrary, the market showed a firmness suggestive of an advance as the next move of values should demand press actively. Last week, danger of war failed to change replacement cost.

Culvers.—Quotations were slightly lower at 13c. to 14c. per pound under competition. The market was very narrow.

Elecampane.—A further revision of quotations brought the spot market down to the basis of 9c. to 10c. per pound and in local circles competition was declared to be keener than it had been.

Golden Seal.—Prices held very firm and seemed likely to remain so for the immediate future. No oversupply of the N. F., quality of root seemed likely since production appeared destined to be conservative this year. Demand was light.

Rhubarb.—Values steadied following the moderate downward revision during the previous trading period. Uncertainty concerning primary market developments prevailed and hence sellers were inclined to be somewhat reserved pending further events at the source.

Seeds

Anise.—Steady prices and light demand were the rule. Replacement quotations and offerings tended to keep the spot prices well stabilized.

Celery.—French seed brought 14¼c. to 14½c. per pound in several instances last week and on the whole the market was on the firmer side of developments. India seed lacked change.

Coriander.—Jobbing business made up the bulk of local request and the total of transactions was moderate at the best. However, sellers continued to hold very steady ideas as to values.

Cumin.—After a period in which prices on Morocco seed were nominal, firm prices returned to the spot last week and the market was reestablished on the basis of 9½c. to 10c. per pound. Algerian material was a fraction higher at 8½c. to 9c.

Strophanthus.—A buying operation between dealers eliminated from the spot stocks that had been offered at $1.25 per pound. Hence, the market was inside at $1.50 last week despite little interest. Inability to replace in normal quantities abroad was behind market strength here.

Spices

Cassia.—The sole change in prices came on extra select, broken China cassia, which item was higher at 8c. to 8½c. per pound.

Clove.—Prices were firmer and higher at 15c. to 15½c. per pound for Madagascar and 16½c. to 17c. for Zanzibar spice. This movement brought spot quotations into line with the replacement markets.

Ginger.—Bold Jamaica root was lower at 11c. to 12c. per pound. African, Cochin, Japanese and other qualities of Jamaica material were all without quotable change. Demand was moderate to light.

Nutmegs.—The 80's were shaded to 18½c. to 19c. per pound. The 110's and West India materials failed to change. The market was active only within jobbing limits.

Paprika.—Hungarian extra fancy pepper was lowered to 29c. to 29½c. per pound, and the medium grade was down to 27c. to 27½c. Portuguese and Spanish material were unchanged. Primary market shippers of the Hungarian pepper were anxious to increase business.

Peppers.—Black Lampong was higher at 3¼c. to 3½c. per pound and still the price for spot goods was about the lowest to prevail for the past 60 years. Prominent factors recommended that the article be considered from an investment point of view by dealers able to warehouse the item without much expense. White and red peppers were unchanged.

Trading in black pepper futures on the New York Produce Exchange from August 21 to August 25, inclusive, comprised 179 contracts, a total of 6,014,400 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	3.25	3.22	3.24@3.27
April	3.43	3.41	3.37@3.42
May	3.44	3.25	3.41@3.45
July	3.51	3.45	3.45 sale
September	3.13	2.90	3.08@3.10
October	3.04	3.04	3.05@3.15
November	3.20	3.20	3.10@3.20
December	3.25	3.07	3.16@3.23

Trade Briefs

Homer H. Steele, Buffalo district manager for the Pittsburgh Plate Glass Company, has returned from a two weeks' vacation in New York.

Frederick J. Lueders, president of George Lueders & Co., essential oils, this city is en route to the Pacific Coast in the company of Mrs. Leuders.

Pittsburgh clean up and paint up campaign resulted in utilization of 324,003 gallons of paint and varnish products of an estimated value of $1,016,724.

Gillette Safety Razor Company, Boston, and the Mutual Broadcasting System have acquired exclusive broadcasting rights for the 1939 baseball World Series.

S. Glasser, manager of the New York coconut oil department of Spencer Kellogg & Sons, Inc., Buffalo, returned last Monday from two weeks' vacation at Lake Pontoosuc, Mass.

Cleveland Paint, Varnish & Lacquer Association held an outing at Silver Lake Country Club, August 11, at the invitation of S. C. Wagenman, of the S. C. Wagenman Paint Stores Company.

Archer-Daniels-Midland Company, St. Paul, has called for payment November 1, 1939, the entire issue of its 7 percent cumulative preferred stock at $115 a share and accrued dividends.

Clean up and paint up campaign in Portland, Ore., resulted in a consumption of 20,906 gallons of paint and varnish products of an estimated value of $60,437.

Blaw Knox Company, Pittsburgh, stockholders' meeting scheduled for September 19, to vote on an increase in capital stock, has been postponed sine die.

Calo & Lydon, manufacturers' agent, this city, has added Edward W. None to its staff as technical advisor. Mr. None was formerly affiliated with the technical department of the Valspar Corporation, this city.

Marihuana Bill Signed

Shortly after the adjournment of Congress, President Roosevelt signed the bill (H.R. 6555) authorizing the advance of certain funds for the enforcement of the marihuana act.

New Crop Oil of Dill

This is an outstanding Fritzsche specialty. Employed in seasoning and especially in the pickling of processed dills, it imparts the exact flavor character and aroma of true dill weed from which it is derived. Used in combination with the latter it effects a richer and better rounded flavor than dill weed used alone . . . This year's crop, judging from shipments thus far received, is of excellent grade, but not over plentiful. We believe it advisable, therefore, to negotiate your season's requirements *without delay*.

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Essential Oils, Aromatic Chemicals

British in Hongkong Demolish Bridges to Chinese Mainland —Export of Anise and Cassia May Be Hampered —California Orange Advanced—Sage Oil Scarce

International political developments held much of moment to the buyers and sellers of essential oils and aromatic chemicals last week. Should war result from Germany's determination to take Danzig and the Polish corridor—Germany threatened a fourth partitioning of Poland should the Poles resist seizure of either—then numerous raw materials might be difficult to obtain from Eurooe.

Numerous aromatic chemicals reaching here from Germany would be cut off and exports from Switzerland at the very best would be sharply curtailed. Movement of Italian, Spanish, French—indeed all European oils—would either stop or be seriously impeded by the necessities of war. Fortunately, the United States has a well grounded aromatic chemical industry capable of supplying home needs.

The dangerous situation abroad was only of potential effect on the local market last week. Prices failed of any general strengthening, though sellers did say that trade was very good, though, probably, not because of the danger of war. The situation was subject to close scrutiny, and the trade seemed ready to promptly protect its interests should the worst come.

News from China directly affected the export of anise and cassia. The British government in Hongkong demolished bridges between the crown colony island and the Chinese mainland, thus making the movement of these oils into Hongkong for export purposes problematical. Here again the effect of developments were potential rather than actual.

California producers of expressed orange oil advanced quotations, but failed to change the price of distilled material. Their lemon oil price was also held unchanged. Sage oil was scarce and in good request at an advance in quotations.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Orange, California, expressed, 10c. per lb.
Sage, 15c. per lb.

Reduced

Almond, sweet, 1c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.4	70.4	70.3	69.3

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil was lower at 55c. 56c. per pound last week under competitive circumstances. However, since most of this item reaches this country from France, the present international situation, if materialized into war, could easily affect prices bullishly later on.

Anise.—The British government in Hongkong demolished the bridges connecting the island crown colony with the mainland of China—a mainland controlled by Japanese military forces. This was one more development possibly to affect the export of this oil from China and caused the local trade to view French Indo-China as the probable export point in the future.

Bergamot.—Business was fairly quiet and the strained political conditions affecting Italy as a member of the Axis was being watched for the reason that war would probably stop exports if Italy should go along with Germany. Prices here were very steady.

Cananga. — While demand was not very active, the market as a whole displayed substantial firmness so far as prices were concerned and that went for replacement as well as spot goods.

Capsicum.—The firmness of raw material prices contributed to the stability of quotations on oleoresin of capsicum. The market was fully maintained throughout the past week and demand compared favorably with that in effect recently.

Cassia.—The situation was a mixture of bullish potentialities and bearish actuality. On the bullish side of events was the demolishment of all bridges connecting the export port of Hongkong with the Chinese mainland. How the oil will reach the world may be a problem. On the bearish side was the report of slightly lower cables from the primary market. In the meanwhile, spot quotations remained steady with demand about fair.

Citronella.—Warlike news has yet to affect the forward position of this material but should war come, cargo space would command high rates and affect import costs of both Java and Ceylon oils materially. The market was quiet last week but prices remained steady.

Clove.—Dealers had a very fair business and the market was firm in undertone. Also, raw material costs were up fractionally, thus affecting the cost of production to the manufacturers.

Cumin.—One country for raw material had failed to offer for a long time. Last week, offerings were renewed but the prices continued fairly high. Oil was firm in undertone and supported by a very fair, if usually jobbing request.

Dill.—Consumption was gaining as the season for making pickles was well underway. Sales of this oil have been very good and the movement was well maintained last week.

Eucalyptus.—Although the market was fairly quiet, prices continued on the firm side since they represented goods bought on a rising primary market in the not far distant past. Sellers were very firm in their views.

Geranium.—Values were steady. Sales were steady, also, recording a fair volume of trade by the close of the week and tending to keep competition within confines. Stocks were sufficient. Replacement costs changed not at all.

Grapefruit.—Trade was irregular but values continued in well stabilized position. Reserve stocks were of fair size and calculated to protect manufacturing requirements very well.

Lemon.—Values held steadily. California oil received the bulk of demand. in part because of the price being so far below that for Italian oil. Replacement cost of Italian material failed to change but the strained political situation in Europe was a bullish element that would come to full flower should Italy march with Germany in a general European war.

Lemongrass.—Values were steady, locally. Demand was a support to the market, consisting of a fair movement into consumption and a moderate reduction in stocks.

Orange.—Prices for California cold pressed oil were advanced 10c. making the market $1.10 per pound. Quotations on distilled oil of California origin were unchanged. Plentiful offerings of African oil were available at low prices. Italian oil failed of substantial change, though conditions were such that values might rise should war take Italy and Germany into conflict with Great Britain and France. Exports from French Guinea aggregated 239,000 kilos in 1938, comparing with 209,300 kilos in the preceding year.

Peppermint. — Market conditions changed very little. With the present outlook favoring a smaller production of oil this year, the reduction in potential output so far has been insufficient to affect values. Should war come, exports might be reduced and that would leave between 300,000 and 400,000 pounds of oil available for domestic use. Arrivals at New York were 100 cases from Russia in transit for Washington, and 20 cases from Japan for Montreal.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Petitgrain.—Understones were fully steady in all respects and the market as a whole was on the firm side so far as prices were concerned. Demand was moderate and somewhat irregular.

Sage.—The oil was in very light supply and sales were made last week on the basis of $1.75 per pound. Demand has been seasonally active.

Sassafras.—The market undertone was firm and recent advances in prices were fully maintained. Conditions failed to disclose the slightest reason to believe that values would recede in the nearby future. Japanese control of market potentialities seemed absolute.

Spearmint.—The Federal government provides no crop report on this oil. Information from producers suggests that a fair crop will be produced but the output is not expected to exceed that of last year. Growing conditions have been not generally favorable at times during the season.

Tansy.—The outlook was for an encouraging production since practically no oil was to be carried over into the new crop season. Fairly high prices on new production were expected to be secured.

Wormseed.—The market was not especially active and in view of the pending new crop, values seemed slightly unsettled, though not to the extent of actual revision. The outlook for a good export market was favorable because of the santonin situation, but it was an outlook tempered by the fact that a European war would probably cut foreign buying.

Aromatic Chemicals

Anethol.—Further developments in the raw material primary market were ominous. All bridges between Hongkong and the Chinese mainland were demolished by the British government of that export port for anise oil.

Anisic Aldehyde.—That which was a strengthening element in the market for anethol applied equally to anisic aldehyde. Values on the spot were generally very steady.

Benzylidenacetone.—Inquiry was fair but the market as a whole was within the confines of a moderate consuming requirement. Quotations were well maintained.

Carvol.—Business was light. But business was also sufficient to keep market undertones steady and to hold prices to a well stabilized position. Stocks were of ample size.

Citronellal.—Plentiful supply found a fair consuming outlet but demand was no improvement over that in recent weeks. It was still a buyers' market.

Citronellol.—This article was also in good reserve and the subject of fair but not expanding demand under conditions distinctly favorable for consumer operations.

Diphenyl Methane.—The call was light. Buyers bought little beyond the need of the moment and such transactions built a comparatively small volume of trade by the close of last week. Prices remained steady.

Ethyl Cinnamate.—Consumption compared with that in recent weeks and the market as a whole was in very steady position regardless of the fact that the movement to buyers was rather conservative.

Ethyl Phenylacetate.—A steady market was generally reported and consumption was said to be acting to the full support of values in force for some time. Requirements were well protected by local stocks.

Ethyl Vanillin.—A substantial degree of stability prevailed on prices and the market as a whole was activated by a sustained consuming requirement that was seasonal in size and character.

Eucalyptol.—Fairly high cost raw material accounted for the firm prices on this derivative. Also, prospective demand during the Fall and Winter months was a support to currently prevailing prices.

Eugenol.—The well stabilized producer price of raw material kept this

—Continued on page 58

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Petroleum Solvents Lubricants, Fuels

Refined Products Feel Pressure of Shutdown — Several Price Advances Made—Further Increases Loom—Sinclair Unit Renews Posting Crude Prices—Two Companies Rescind Crude Reduction

Small refineries throughout the country were beginning to feel the pressure of the six-state oil shutdown last week as refined products were reported climbing to higher ground. Larger companies were said to have ample crude in pipe lines and storage but whether there is enough to keep refined prices from skyrocketing was problematical. Gasoline was advanced in the Midcontinent and throughout as was crude scale wax.

Meantime, without offering any explanations, the Sinclair-Prairie Oil Marketing Company, the leader in the New York and New England. Kerosene and No. 2 heating oil were also boosted, crude oil price slash which precipitated the vast shutdowns, resumed posting its prices. Two smaller companies which followed Sinclair's lead in the price reduction, increased their posted prices in North and West Texas to the level that was in effect prior to the reduction.

Natural gasoline was the first product to feel the shutdown pressure two weeks ago. At that time the shortage caused the price to be hiked sharply and last week it climbed higher. Major refiners were holding back their offerings and shipping only to regular customers, in expectation of another advance this week.

Last Wednesday, another important factor heightened the tension when Michigan joined the other six states combatting reduced prices by clamping down on its production. State officials ordered that the output of all wells, which normally produce 68,000 barrels daily, be lowered 25 to 100 barrels a day.

Solvents and Diluents

There was little evidence last week that any shortage of material could be expected as a result of the oil shutdown, but the undertone of the market appeared much firmer than usual. Paint makers were actively interested in offering of thinners and V.M. & P. naphthas, while movement of rubber solvent slackened off. Consumption in the Midwest was attaining good levels. In the Midcontinent areas refiners were shipping only to regular customers and little material was offered for spot delivery.

Cleaners' Naphtha. — Demand was at about the same level as it was when last reported. The cleaning trade was calling for fair tonnages, although total volume was not exceedingly great. The price was steady.

Petroleum Thinners. — Paint makers became more active last week and shipments into consuming channels increased noticeably. Prices were firm.

Rubber Solvent.—Rubber tire manufacturers were a bit less active in calling for this material, but shipments were still for good tonnages. The price was unchanged at the quoted level.

V.M. & P. Naphtha.—Similar to thinners, paint makers were more interested in offerings last week and sales volume was greater than the preceding period. The price was steady and unchanged.

Chicago, Aug. 24.—Buying of various grades of petroleum diluents and solvents is attaining fairly good levels. There has been little evidence that any shortage of material could be expected to develop as a result of the Southwestern field shutdown, but tone is perhaps a little firmer than previously. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¼c. to 4½c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Aug. 23.—A broadening of inquiries with a large number of instructions to ship immediately have come into the market this week. The prices have been unaffected by the rise in gasoline because of the quotations having remained steady during all of the period of weakness in the gasoline market. However, because of the limited production, refiners are satisfying their regular customers and not offering any material on the spot market. The V.M.P. still is in demand and the rubber solvent in active inquiry.

Lighter Fractions

Materials in this group of the market were in a better position last week due to the crude oil situation. No prices were changed but all firmed. Consumers were fearful of a lack of supply of stocks should the crude wrangle continue over any length of time. There was specifically a danger that butane stocks would be depleted.

Butane.—Consumers became more active last week and called out substantially more material. Their demand was undoubtedly activated by the rapidly depleting stocks due to the lack of crude supply. Butane is a necessity in many small towns and these users apparently do not wish to be caught without a sufficient supply in case of emergency.

Hexane.—The price continued at the previously quoted level which was 12½c. per gallon for the normal grade and 14c. for the laboratory grade. The quotations were very strong.

Heptane.—The market held the pick-up in demand it experienced two weeks ago and the price was firmer at 11c. per gallon for car lots of the mixed material and 11½c. per gallon for car lots of the normal.

Propane.—The strength of the natural gasoline market was reflected in the local situation of this by-product. The price did not change, however, and suppliers continued to quote 11½c. per gallon for the normal grade and 14c. per gallon for the laboratory, both basis Group 3.

Octanes.—Another pick-up in demand,, coupled with depleting stocks and advancing gasoline prices, added a very strong tone to the market for this mixture. Prices were unchanged, however, at 12½c. per gallon for car lots.

Petrolatums and Waxes

Crude scale wax did a turn-about last week and became a strong item in the market for refined petroleum products. Several suppliers boosted prices so that the range of quotations was only fractional. Refined wax continued strong while mineral oils and petrolatums were routine. Crude wax also firmed in the Midcontinent area but reports from the Midwest indicated that the market was still listless and dull there.

White Mineral Oils.—The market for both the domestic and imported products was featureless last week with both demand and tonnage shipped into consumption at the same level as the previous period. All prices continued without revision.

Petrolatum. — Industrial users remained fairly interested in offerings during the period under review. The market added firmness as a result of the European situation. Petrolatum, being an important munition ingredient, will sky-rocket when and if the conflict breaks out. The price was steady and unchanged at the quoted figure.

Paraffin.—Crude scale wax again became very strong due to an increased demand. Suppliers who had been offering material at 2.85c. per pound boosted quotations 5 to 10 points to a range of 2.90c. to 2.95c. per pound for the 122-124 material. Yellow 124-126 crude scale was advanced similarly. The white 124-126 wax, which had been selling at 2.90c. was increased by several major suppliers to a scale of 2.90c. to 3c. per pound. These quotations are for car lot delivery. Material started to become scarce and several prospective buyers reported they were unable to secure crude for delivery prior to October.

Chicago, Aug. 24.—The refined petroleum wax market is quiet and rather dull. Material has been moving out to buyers in routine fashion. Most of the current business involves limited amounts for prompt shipment. Buyers are seeking to keep their own inventories low. Ruling prices are:—122-124, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.7c. to 4.75c.; 130-132, 5c. to 5.05c.; 132-134, 5.25c. to 5.3c.

Tulsa, Aug. 23.—There are more inquiries for wax of the 124-26 American crude grade and prices have firmed up slightly, although change has been made in quotations which remain at 2.85c. to 3c. per pound.

Fuels and Lubricants

Stronger and higher gasoline prices were seen in most sections last week due to the oil shutdown. The fuel was advanced in the Midcontinent and at New York Harbor. Other refined products felt the strength and kerosene and No. 2 fuel oil were both advanced in New York and New England. Sellers were restricting their operations in order to hold on to stocks in hope of further advances.

Gasoline.—Standard Oil Company of New York advanced bulk gasoline price 3/10 of 1c. to a level of 6.90c. per gallon, f.o.b. Bayonne.

Kerosene. — Socony-Vacuum Oil Company advanced the price in bulk and in tankwagons ¼c. per gallon throughout New York and New England, except Boston, where the advance was ⅛c.

Fuel and Gas Oils.—Socony advanced No. 2 heating oil in tank cars and barges, ⅛c. per gallon throughout New York and New England, except Boston where prices were unchanged. The price at local bulk plants was marked up to ⅛c. per gallon.

Lubricating Oils.—Prices on Pennsylvania lubricants were much stronger although none were actually advanced. Demand was good.

Crude Oil Price Changes

Midcontinent

Sinclair-Prairie Oil Marketing Company renewed posting its prices in fields in this area. The resumption was at its 20c. per barrel reduction.

North Texas

Cosden Petroleum Corporation, Fort Worth, increased its posting in Young County, 20c. per barrel, restoring its previous price of 79c. to $1.03.

West Texas

Cosden increased posted price in Howard, Glasscock and Ector counties, 20c. per barrel, restoring price of 53c. to 95c.

Markets at Other Centers

Chicago, Aug. 24.—Stronger and higher gasoline prices were ruling in the refinery gasoline market, incident to the Southwestern oil field shutdown. Orders have been heavy, both spot and contract, and

Outputs and Quotas

A comparison of Bureau of Mines calculations for August productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended August 19, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ...	448,100	§Aug. 16	433,300
Kansas	168,700	§Aug. 16	172,000
Texas 1	,428,100	§Aug. 15	376,100
Louisiana ...	259,300	§Aug. 17	194,800
Arkansas ...	51,900	§Aug. 17	60,150
Illinois	201,900	.....	293,400
Eastern	106,200	.....	99,000
Michigan	54,200	.....	68,600
Wyoming	77,100	.....	70,950
Montana	16,400	.....	16,150
Colorado	3,900	.....	4,150
New Mexico..	111,000	§Aug. 17	65,750
California ...	595,100	†598,300	626,200
Totals 3	,521,900	.....	2,480,550

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of August. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Recommendation of Central Committee of California Oil Producers.

‡ In some states, such as Oklahoma and Kansas, because of their size and the inability to get complete information under three to four days, the production week ends as early as Wednesday. Therefore, the full effect of the current shutdowns will not be manifested in these figures until next week.

§ All wells in state ordered closed on this date.

The State of the Petroleum Market

Gasoline was advanced ¼c. to ½c. per gallon in the Midcontinent and 3/10c. at New York Harbor.

	Aug. 19	Aug. 12	Last Year
Crude petroleum price at well (average for ten fields) per barrel.....	$1.127	$1.127	$1.26
Gasoline prices at refineries (at four refining centers) per gallon	.0505625	.0491875	.050625

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1 Aug. 26	1938 Jan. 1-Aug. 26
Commercial crude oil production	796,305,000	792,381,000
	Week ended Aug. 26, 1939	Week ended Aug. 27, 1938
Daily average production	2,280,666	3,382,800
	Week ended Aug. 19, 1939	Week ended Aug. 12, 1939
Estimated motor fuel stock total	74,738,000	75,859,000
Estimated finished motor fuel stock total	68,478,000	69,455,000

refiners appear to be substantially behind on shipments of various grades. Kerosene is steadier and tractor fuel movement is good. Heavy fuels remain in good call, with stocks quite low. Lubricants have ben quiet.

GASOLINE.—Low octane motor, 4½c. to 4⅝c. per gallon; 63-66 octane motor, 4¾c. to 4⅞c.; 67-69 octane motor, 5c. to 5⅛c.; 70-72 octane motor, regular, 5¼c. to 5⅜c.; 60-62, 400 endpoint, 4½c. to 4⅝c.; 64-66, 375, 4½c. to 4¾c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅜c. to 3⅞c.

FURNACE OILS.—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 white, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.; No. 3, 3c. to 3¼c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Aug. 22.—The domestic market continued steady during the past week with no changes being noted in the quoted prices. Foreign inquiries and exports were fair. U. S. motor gasoline was quoted at 5⅝c.; U. S. motor below 62 octane at 5⅝c.; 63-67 octane at 5⅞c. and 68-70 octane at 6½c.—all prices being based on a per gallon rate at refinery.

Kerosene remained unchanged at 8½c. per gallon at refinery.

Bunker C. fuel oil continued at 80c. per barrel at terminal and 85c. delivered alongside, while industrial plants in this vicinity were quoted at $1.36 per barrel delivered.

Tulsa, Aug. 23.—Because of the limited supplies of crude oil available to the independent plants which furnish the source of materials for trading in the spot market, withdrawals of quotations by a number of plants have developed this week. Those plants willing to supply the spot market are doing so only in a limited manner causing a restriction of general trading. Gasoline quotations are from ¼c. to ½c. higher. A number of refiners are supplying contract customers at no advance in price but this compliance with contracts precludes these plants from offering materials on the spot market. Following are the approximate quotations for the various products traded in the mid-continent field on the basis of group three prices:—

GASOLINE—U. S. Motor third grade is 4½c. to 4⅝c. per gallon; 63-66 octane, 4¾c. to 4⅞c.; 67-69 octane, 5c. to 5⅛c.; and 70-72, 5¼c. to 5⅜c. per gallon.

NATURAL GASOLINE—The 26-70 grade is 4c. per gallon and the 18-55 is 5c.

DISTILLATES—No. 1 Prime white is 3⅜c. to 3¾c. per gallon and the straw is 3¼c. to 3½c. No. 2 dark is 3c. to 3¼c. while the gas oils are 2¾c. to 3c.

FUEL OIL—The 24-28 grade is 85c. to 90c. per barrel and the low cold test is $1 to $1.10. Residuals below 15 degrees are from 45c. to 65c. per barrel.

Crude Oil Daily Output Down

Reflecting the closing of wells in six states, crude oil production in the United States during the week ended 19 reached a low for approximately four and one-half years. The daily average output during the week was 2,480,550 barrels, a decline of 1,069,550 from the 3,550,100 reported in the preceding week, according to the American Petroleum Institute. The sharpest decline was in Texas where the average output dropped to 376,100 from 1,210,250. Stocks of gasoline at the end of the week were 74,738,000 barrels, compared with 75,859,000 the previous week, a decline of 1,121,000. On August 19, 1938, they were 73,196,000 barrels. Finished gasoline stocks were 68,478,000 barrels, against 69,455,000 the week before and 66,777,000 a year ago.

Sohio Promotes Sanders

Dr. F. J. Sanders, formerly head of the technical division of Standard Oil Co. of Ohio, has been appointed superintendent of the company's refinery at Toledo. He succeeds J. Blake Middleton, who has been named foreign representative of Socony-Vacuum Oil Company and will be in charge of European refinery operations of the latter with headquarters at The Hague.

Trade Briefs

Shell Union Oil Corporation has retired 9,662 shares of its 5½ percent cumulative preferred stock, reducing its local holdings to 9,618 shares.

John L. Stalfort & Sons, chemical specialties, Baltimore, plant was wrecked by fire August 24, with damage estimated at $75,000.

Union Oil Company of California offered $30,000,000 of 3 percent debentures August 15 through a banking syndicate headed by Dillon, Read & Co., New York, at 103 and accrued interest.

Oil pipeline companies transportation revenue in the second quarter of 1939 amounted to $51,245,643, against $54,759,059 in the same period in 1938. Number of barrels of oil originated on oil line and received from connections in the second quarter reached 282,457,411, compared with 271,293,568 in the same period 1938.

Oil States Parley On Shutdown Today

—Continued from page 4

coerce Illinois" into passing restrictive oil legislation to protect "foreign interests."

Meantime, Thurman Arnold, Assistant Attorney General, stated that the Department of Justice will soon begin an investigation in the Southwest in connection with gasoline basing-point method of quoting on shipments. The inquiry will begin as soon as legal issues in the pending antitrust Madison cases against the oil industry are determined. Another Federal government move was a statement issued by Interior Secretary Ickes that should a shortage of crude in any state occur, the Connally "hot oil" bill could be made inoperative. He was immediately rebuked by Jerry Sadler, of the Texas Railroad Commission, who said that Ickes' "domination or interference in the present situation is completely, wholly and entirely uncalled for."

Another pertinent development appeared last week when the validity of the Arkansas shutdown order, contested by Lion Oil Company on the grounds it was not for conservation, but to change crude prices, was upheld by chancery court.

Argentine Trade Bargain Hearing October 16

—Continued from page 5

subject to a license, which requires importers to get permits for exchange at the official rates.

The details of procedure under the new policy have not yet been published, but there is a belief that a prime result of the new policy will be the removal of discriminations heretofore existing with respect to imports from the United States because of the favoring of importers of goods from other countries which have trade agreements with Argentina. This expectation is based on the belief that the license requirement will eliminate the so-called "free market" practice under the exchange permits rule.

The finance minister of Argentina some months ago pointed out that less than half of the imports from the United States had the advantage of the official exchange rates (based on the British pound), which was enjoyed by all imports from countries having trade agreements with Argentina. It is therefore expected here and in Buenos Aires that the new Argentine policy, especially when a tariff bargain has been effected with the United States, will substantially benefit the trade of this country with Argentina.

Roeser Resigns from A.P.I.

Charles F. Roeser, president of the Independent Petroleum Association of America has resigned as a member of the executive committee of the American Petroleum Institute. In a letter to Axtel J. Byles, president of the institute, Mr. Roeser said he had accepted appointment to the executive group of the institute in the hope that presentation of the viewpoint of the independents in the group would be beneficial but recent events had convinced him the effort was futile. However, Mr. Roeser remains a member of the board of directors of the institute.

Southern Fertilizer Freights Off

Reduced carload rates on fertilizers and fertilizer materials in Southern territory, with two exceptions, will become effective September 9, according to the Southern Freight Association. Excepted are intrastate in Mississippi and intrastate and interstate between points where both origin and destina- rates are as follows:—

Seventy-five cents per ton for distances upto forty miles, with increases at the rate of one cent per mile in five-mile blocks up to 100 miles, and ten-mile blocks above 100 miles. The carload minimum will be thirty tons for distances up to 190 miles. Beyond that distance, present rates with a twenty-ton minimum will be optional with the new rates with thirty-ton minimum until the two scales meet. Beyond that the present rates with twenty-ton minimum will apply.

Charles P. McCormick, president of McCormick & Co., manufacturer and importer of spices, insecticides and other chemical specialties, Baltimore, has been appointed a director of the Federal Reserve Bank in Richmond, Va.

Phosphate Rock Shipment Off 6% in Half Year

An increase of 3 percent in the quantity of phosphate rock mined in the United States, but a decline of 6 percent in the quantity shipped was noted for first six months of 1939. The total quantity of phosphate rock sold or used in the United States, as compiled from reports by producing companies to the Bureau of Mines, was 1,750,114 long tons valued at $6,086,726 during the half year ended June 30, 1939, compared with 1,860,787 tons valued at $6,740,616 shipped during the similar period in 1938. Stocks in producers' hands increased. Salient statistics of the industry in the United States follow:—

	Longtons	
	1939	1938
Production mined	1,933,956	1,897,986
Sold or used by producers:—		
Florida:—		
*Land pebble	1,165,888	1,289,996
Soft rock	27,937	34,115
Hark rock	59,946	42,050
Total, Florida	1,253,771	1,366,161
†Tennesse	432,633	426,902
Idaho	46,926	42,614
Montana	16,784	25,110
Virginia	†	†
Total, United States	1,750,114	1,860,787
Imports	3,500	6
Exports	529,385	607,742
‡Apparent consumption	1,224,229	1,253,051
Stocks in producers' hands, June 30:—		
Florida	1,529,000	1,335,000
† ¶Tennessee	253,000	226,000
Other	2,000	3,000
Total stocks	1,784,000	1,564,000

* Includes sintered matrix.
† Virginia included with Tennessee.
‡ Quantity sold or used by producers plus imports minus exports.
¶ Includes brown-rock matrix of sinter grade and sintered brown rock.

Nitrogen Fixation Vetoed For Netherland Indies

OPD Washington Bureau
August 24, 1939

The Billiton Company, Ltd., The Hague, plans to utilize the falls of the Asahan river in Sumatra for generating the electrical energy required to operate an aluminum ore processing plant, according to advices received by the Department of Commerce from the American trade commissioner in Batavia. Inasmuch as the waterpower obtainable from this course is considered to be in excess of that required by this plant, the question of using the surplus for the production of nitrogen from the air in the manufacture of artificial fertilizers has again been considered. The director of State mines in the Netherlands, who is on a visit to the Netherlands Indies, investigated the possibilities of such an industry and came to the conclusion that in view of transport difficulties and high production costs, the commercial exploitation of a nitrogen project would be almost impossible.

Copyright Transfer Signed

President Roosevelt has signed the bill (H.R. 1553) transferring from the United States Patent Office to the Register of Copyrights the registration of commercial prints and labels.

View 1,000 feet down the No. 2 shaft at Potash Company of America mines near Carlsbad, N. M.
P.C.A.
RED MURIATE
POTASH COMPANY
of America
GENERAL SALES OFFICE
MERCANTILE TRUST BUILDING BALTIMORE, MARYLAND
SOUTHERN SALES OFFICE MORTGAGE GUARANTEE BUILDING ATLANTA, GEORGIA

Fertilizer Materials

Menhaden Fish Scrap Prices Sharply Reduced—Blood Stronger —Unground Tankage Up — Imported Potash Contracting at High Level — Heavy Rains Plague Cotton Crop

The fish scrap market broke last week following nearly three months of steadiness. The change was precipitated by the appearance of larger fish hauls off the Atlantic Coast. Because of the larger hauls, suppliers of the menhaden scrap immediately drastically dropped their price for delivery of material on a when-and-if-made basis. Consumers hastened to take advantage of the new price and so many contracts were booked that the quotation was advanced slightly, although it was still far below the figure of two weeks ago. Similarly the quotation of scrap for immediate shipment was reduced.

The Summer sluggishness was broken somewhat by several other price changes. Dried blood advanced in both New York and Chicago. Unground feeding tankage was increased in New York but imported nitrogenous fertilizer material was being offered at a lower price.

Potash importers reported that contract negotiations for future delivery were at a level that far exceeded their most optimistic estimates. Contracting for nitrate and sulphate of ammonia was fair and at about the same level as previous weeks.

In the Midwest, consumers were still waiting till later before ordering in any large volume. Tankage and blood were in fair call and there was a moderately extensive interest in cracklings. The cotton crop in the lower South was being plagued by heavy rains and late fruiting is expected to be lost to boll weevils fostered by the rains.

A petition seeking authority to reduce carload rates on fertilizer and fertilizer materials between points in Mississippi has been filed with the Interstate Commerce Commission by the Mississippi Public Service Commission. The petition requests reductions varying from $3.14 per ton to $1.95 per ton in a haul from Gulfport to Jackson. The ICC is being urged to hear the petition in order that rate reductions might be placed in effect for moving the fertilizer for the next crop.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dried, dom., 5c. per unit, f.o.b. N. Y.
high-grade, grd., 5c. to 10c. per unit, f.o.b. Chicago.
Tankage, unground, feeding, 5c. per unit.

Reduced

Fish scrap, menhaden, bulk, futures, contract, 20c. per unit
spot, bags, $2 per ton, f.o.b. Baltimore.
Nitrogenous material, imp., 15c. per unit, c.i.f. ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Six price revisions were made last week. Three were advances and three reductions. High-grade blood at Chicago, imported blood and unground feeding tankage were advanced. Two types of fish scrap and imported nitrogenous material tankage were reduced.

Dried Blood.—The domestic product was advanced 5c. per unit-ton to $2.35, f.o.b. New York. The imported material was increased 5c. to 10c. per unit-ton to a level of $2.70 to $2.75 per unit, c.i.f. ports.

Fish Scrap.—Dried menhaden scrap in bulk was offered at $3.15 and 10c. per unit-ton for shipment on a when-and-if-made basis. This was a 20c. drop from the figure that had held firmly for several previous weeks, or practically since the opening of the fishing season. Early last week, due to an unexpected increase in the fish haul, suppliers dropped prices to $3.10. So many contracts were signed at that figure, however, that they immediately advanced it 5c. to the present price. Menhaden meal in bags, for spot shipment, also was reduced $2 per ton to a new level of $48, f.o.b. Baltimore.

Nitrogenous Material.—The imported product was lowered to $2.25 per unit-ton, c.i.f. Atlantic ports, which was a 15c. reduction from the previous price.

Tankage.—The New York market for unground feeding tankage was advanced, the new quotation being $2.95 and 10c. per unit-ton which was 5c. higher than the previous figure.

Potashes

Importers of agricultural potash salts reported that contract negotiations to date had been more than satisfactory and for greater volume than estimated earlier. Domestic suppliers likewise expressed satisfaction at the number of contracts already booked for the new season. If the contracting holds up to present levels the potash trade will undoubtedly have a much better year than last year.

Phosphates

All materials in this division of the market continued sluggish last week. Sole interest apparently was in supplies of feed bone but even this product attracted only light activity.

Bone Materials.—All prices continued at the levels that had been in force for several previous weeks. Prospective consumers were apparently well-stocked and were showing little interest in offerings. Feed bone was in best demand.

Phosphate Rock.—Suppliers continued to mark time until the end of the sluggish Summer period. Activity last week was practically nil and inquiries for future delivery few.

Sulphur and Pyrites

Routine markets were reported for both materials. Seasonal slackness has left its mark on both products and the major suppliers are content to await a pick-up in the Fall. All prices were firm and unchanged.

Markets at Other Centers

Atlanta, Aug. 23.—The fertilizer material market remains quiet. The heavy tonnage of sulphate of ammonia which has been booked, is to develop a heavy movement in September when lower freight rates go into effect, according to producers' agents. Heavy rains that continued for more than a week have been of doubtful advantage to the cotton crop. Late fruiting is expected to be lost to boll weevils which the rains fostered. Quotations of this market are as follows:—

SUPERPHOSPHATE. — 52c. per unit, southeastern producing points.
SULPHATE OF AMMONIA.—$27 per ton, interior producing points.
COTTONSEED MEAL.—8 percent grade $23 per ton Southeastern mills.
BLOOD.—$2.35 per unit, Chicago; foreign, $2.75 per unit, ports.

Baltimore, Aug. 23.—The market for crude fertilizer materials, after remaining stationary for weeks, seems once more disposed to go lower. Quotations are as follows:—

FISH SCRAP.—The fishing companies are meeting with a fair measure of success, and weather conditions just now favor them. The fish are in better condition, so that the production of the ammoniate is increased. An estimated 1,500 tons of scrap were sold at a price of $3.10 and 10c. per unit-ton as against $3.35 and 10c., the previous figure.

DRIED BLOOD.—The tendency as to this item in the crude list appears to have sagged still more, with $2.35 per unit-ton now quoted and with South American stocks available at about $2.75 per unit, c.i.f.

SUPERPHOSPHATE. — Run-of-pile supplies are still held at $7.50 per ton.

Chicago, Aug. 24.—The fertilizer materials market is not greatly changed. Consumers seemingly have not changed their cautious, waiting attitude to any great extent. Blood is quiet and in fair call. Tankage is moving out moderately well. There has been moderately extensive interest in cracklings, with most buying instances involving limited amounts.

BLOOD.—Principal grade, $2.30 to $2.40 per unit of ammonia.

TANKAGE.—High grade, feeding, $3 and 10c.; hoof meal, $2.50 to $2.60; liquid stick, $1.50 to $1.60.

BONE MATERIALS. — Ground, steamed bone, 1¼ and 60 percent, $23 to $24; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $26 to $27; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $25 to $27; beef cracklings, soft pressed, $37.50 to $40; pork cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 75c. to 80c.

Los Angeles, August 23.—Buying for prompt delivery is noted in certain instances here, notably in the superphosphate division of the chemicals, which material is being purchased to treat truck-gardening soil. Odd lots of blood and tankage are passing at fairly stable prices, although the movement is not very brisk.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's factory, Southern California. Bags, 85c. per unit.

FISH MEAL.—New crop California sardine meal, out of early production quoted at $37.50 per ton, f.o.b. San Francisco/Monterey. Oregon and Washington meal quoted at $37 per ton, f.o.b. production point.

TANKAGE.—Unground, fertilizer grade, wet rendered, domestic, $2.75 and 10c. per unit-ton, f.o.b. cars, Los Angeles; dry rendered, ground, $42.50 per ton, f.o.b. cars, Los Angeles; unground, dry rendered, 70c. to 72½c. per unit of protein, f.o.b. cars, Los Angeles.

BLOOD MEAL.—Domestic, $2.75 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic, $25 to $29 per ton, delivered Pacific Coast ports.

Chilean Nitrate Names J. Albert Woods President

—Continued from page 4

Mr. Petitt is also a former Armour executive, being general superintendent of the company's Carteret, N. J. plant for many years. In 1928 he was named superintendent of all Armour fertilizer plants throughout the country. In 1934 he went with the U. S. Potash Company and remained with them until 1936 when he left to become a vice president for Chilean. Mr. Petitt and Eugenio Vidal were named directors, to fill existing vacancies.

Potash Survey Bill Signed

President Roosevelt signed August 10 Senate joint resolution 182 providing for a survey of national resources of potash and phosphate rock.

Patent Bills Signed

Among the bills signed by President Roosevelt since the adjournment of Congress were the following intended to effect reforms in patent law procedure:—

H. R. 6873, revising certain interference procedure.
H. R. 6874, permitting receipt of final fee within eighten months.
H. R. 6875, prohibiting filing after one year of a claim substantially the same as one of an issued patent.
H. R. 6878, permitting the requiring of response to a patent office action in less than six months.

British Ammonia Sulphate 1939 Exports Up Sharply

OPD Washington Bureau
August 23, 1939

Owing to increased shipments to foreign countries, British exports of ammonium sulphate advanced by 8,506 tons in the first half of 1939, compared with a year earlier, supplies to foreign countries increasing by 21,757 tons, while to British countries there was a decrease of 13,251 tons, according to advices received by the Department of Commerce. A breakdown of the exports follows:—

	Long tons 1939.	1938.
Ammonium sulphate—		
Empire markets—		
Eire	13,221	16,043
British India	33,533	26,877
Ceylon	14,157	11,297
Australia	2,827	1,235
Other Brit. countries	58,879	79,816
Totals British	122,617	135,868
Foreign markets—		
Portugal	16,203	13,513
Spain	5,842	3,805
Canaries	7,667	5,601
China	19,684	100
Japan	.....	.....
Other foreign countries	4,822	9,442
Totals foreign	54,218	32,461
Grand totals, tons	176,835	168,329

Russians Claim Perfection Of Complete Fertilizer Salt

OPD Washington Bureau
August 23, 1939

After three years of experiments, a group of Soviet scientists in the Institute of General and Inorganic Chemistry, under the Academy of Science, claim to have obtained a combination of nitrogen, phosphorus, and potash in crystalline form. The crystals consist almost entirely of plantfood elements and are apparently free of chlorine. Whether the substance is a definite chemical compound—a nitrophosphate of potash, for example—has not been disclosed.

It is reported that the material has been tested in the soil in the experimental fields of an agricultural institute near Moscow and in comparison with the ordinary concentrated fertilizer, it is said to have increased the crop yield of flax almost 50 percent. Tests are being made in tobacco plantations and sugarbeet fields.

Plans are being drawn in the institute for a factory for the production of concentrated fertilizers by the new method. The plant will be somewhat near the Voronezh chemical combine, where the necessary materials can be obtained. The Solikamsk potash deposits and large phosphate rock deposits are fairly close to this region.

Standard Wholesale Phosphate, Baltimore, employees in the fertilizer department have gone out on strike in sympathy with workers in the acid department. The strikers charge the company with failure to negotiate demands on which two previous strikes were based this year.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

ACIDS, CRESYLIC—62 dms, W A Foster & Co, American Shipper, Manchester
NAPHTHENIC—7 dms, Philip Bauer Co, Exmoor, Constanza
STEARIC—160 bgs, Strohmeyer & Arpe Co, Volendam, Rotterdam
AGAR AGAR—25 bls, Kachurin Drum Co, Yamagiri, Kobe
ALBUMEN, BLOOD—10 cs, American Cyanamid & Chemical Co, Hamburg, Hamburg
ALCOHOL COMPOUND—50 dms, L V Longhurst, Rosario, San Juan
ALOE—75 cs, Selma Mercantile Corp, Amor Maracaibo
40 cs, R Desvernine, Amor, Maracaibo
300 cs, Wessel, Duval & Co, Amor, Maracaibo
100 cs, Selma Mercantile Corp, Santa Paula, Curacao
AMMONIA CARBONATE—15 cs, American British Chem Supplies, Cameronia, Glasgow
SULPHATE—500 bgs, Bradley & Baker, Volendam, Rotterdam
ANTIMONY ORE—3,533 bgs, Bank of London, South America, Santa Lucia, Antofagasta
308 bgs, Philipp Bros, Santa Lucia, Antofagasta
ARCHIL LIQUID—3 cks, A De Ronde & Co, Laconia, Liverpool
ARSENIC—155 bbls, General Chem Co, Hamburg, Hamburg
WHITE—50 dms, Industrial Sales Corp, Jean Jadot, Antwerp
ARTISTS' MATERIAL—4 cs Winsor & Newton, Mauretania, London
ASBESTOS—800 bgs, Raw Asbestos Distr, Robin Adair, Beira
1,128 bgs, Chase Natl Bank, Kusnetz Lesov, Leningrad
ASPHALT—560 bgs, A V Berner & Co, Seatrain New York, Havana
BALSAM—2 dms, 10 cs, Veragua, Cristobal
BARYTES—3 cars, United Color Pigment Co, Seatrain New York, Havana
BAY RUM—15 bbls, P R Alcohol Co, Rosario, San Juan
BENZOL DERIVATIVE—3 cs, American Express Co, Hamburg, Hamburg
BISMUTH, REF'D—150 cs, Cerro de Pasco Copper Corp, Falcon, Callao
150 cs, Cerro de Pasco Copper Corp, Santa Lucia, Callao
BITUMEN—50 dms, Shell Oil Co, Hamburg, Hamburg
BONE MEAL—2,216 bgs, Exmoor, Bourgas
BRISTLES—2 cs, H Rosenhirsch Co, Kinka, Kobe
3 cs, Irving Trust Co, Kinka, Kobe
10 cs, Chesnut, Cooper & Co, Mauretania, London
22 cs, Amtorg Trading Corp, Kusnetz Lesov, Leningrad
20 cs, 2 bbls, Pilsudski, Gdynia
2 cs, American Merchant, London
50 cs, H Rosenhirsch Co, Akagi, Tientsin
220 cs, Akagi, Dairen
55 cs, S Hirshenhorn & Sons, Akagi, Tientsin
CALCIUM, METALLIC—26 cs, C Hardy, Exeter, Marseilles
CANARY SEED—698 bgs, Uruguay, Buenos Aires
150 bgs, A G Dunn, Exmoor, Casablanca
CARAWAY SEED—150 bgs, Pilsudski, Gdynia
100 bgs, Knickerbocker Mills, Black Eagle, Rotterdam
150 bgs, Levy & Levis Co, Volendam, Rotterdam
20 bgs, 2 cs, S B Penick & Co, Volendam, Rotterdam
200 bgs, American Express Co, Statendam, Rotterdam
100 bgs, Statendam, Rotterdam
CASEIN — 267 bgs, A Hurst & Co, Ile de France, Havre
CASSIA, VERA—94 pkgs, J F Frank, Muncaster Castle, Batavia
CHALK, BLOCK—2,310 tons, Taintor Trading Co, Springdale, London
COMMON—1,600 bgs, R L Watkins Co, Mauretania, London
CHEMICALS—28 dms, 1 cs, 10 cks, Europa, Bremen
25 cks, Geigy Co, Champlain, Havre
23 cyls, Sandoz Chem Works, Champlain, Havre
131 cks, Advance Solvents & Chem Co, Oslofjord, Menstad
1 cs, Mallinckrodt Chem Works, Mauretania, London
4 cs, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
17 cs, Schimmel & Co, Hamburg, Hamburg
40 bbls, 5 cs, P C Kuyper & Co, Hamburg, Hamburg
100 dms, 1,006 bgs, 5 cs, 25 bottles, Hamburg, Hamburg
2 cks, General Dyestuff Corp, Hamburg, Hamburg
3,048 bgs, Advance Solvents & Chem Co, Hamburg, Hamburg
1 cs, Ozalid Corp, Hamburg, Hamburg
40 bbls, Chemical Marketing Co, Pilsudski, Gdynia
100 bgs, Pilsudski, Gdynia
17 cs, Ratin Laboratory, Pilsudski, Copenhagen
10 cks, International Forwarding Co, Black Eagle, Antwerp
20 cks, 9 dms, Black Eagle, Antwerp
37 dms, Hummel Chem Co, Black Eagle, Rotterdam
30 cks, American Cyanamid & Chem Co, Black Eagle, Rotterdam
22 dms, 2 jugs, General Dyestuff Corp, Volendam, Rotterdam
20 cks, Volendam, Rotterdam
1 ck, Sandoz Chem Works, Volendam, Rotterdam
15 dms, P C Kuyper & Co, Volendam, Rotterdam
40 cks, Volendam, Rotterdam
35 cs, Sandoz Chem Works, Ile de France, Havre
6 cs, Ciba Co, Ile de France, Havre
8 cs, Lo Curto & Funk, Ile de France, Havre
12 cks, Morris Export Co, Ile de France, Havre
6 cs, Gane & Ingram, Ile de France, Havre
5 cks, 7 cs, Hoffmann La Roche, Ile de France, Havre
1 tin, Advance Solvents & Chem Co, Statendam, Rotterdam
15 cks, Chemical Marketing Co, Statendam, Rotterdam
100 cks, 11 dms, Statendam, Rotterdam
500 bgs, 2 cs, 40 dms, Jean Jadot, Antwerp
1 bbl, F Behrend, Scanpenn, Copenhagen
2 cs, American Shipper, Liverpool
CHILLIES—150 bgs, B H Old & Co, Yamagiri, Kobe
CHINA CLAY—600 bgs, La Salomon & Bros, Hamburg, Hamburg
25 cs, C Fongera & Co, American Merchant, London
578 bgs, Whittaker, Clark & Daniels, Voiendam, Rotterdam
CHROME ORE—3,661 tons, 16 cwt, E J Lavino & Co, Robin Adair, Lourenco Marques
966 tons, 5 cwt, Philadelphia Natl Bank, Robin Adair, Lourenco Marques
CINCHONA BARK—90 bls, New York Quinine & Chem Works, Volendam, Rotterdam
COALTAR INTERMEDIATES—8 cs, General Dyestuff Corp, Hamburg, Hamburg
46 cks, 12 bots, General Dyestuff Corp, Volendam, Rotterdam
10 dms, 17 cks, 8 bottls, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
COBALT, METAL—40 cks, Central Trading Corp, Jean Jadot, Antwerp
OXIDE—40 kegs, Central Trading Corp, Scanpenn, Wiborg
SULPHATE—50 cks, Central Trading Corp, Jean Jadot, Antwerp
COCHINEAL—20 bgs, W R Grace & Co, Santa Lucia, Callao
COCOA BEANS—1,000 bgs, Wessel, Kuhlenkampf & Co, Leif, Trujillo
2,000 bgs, Curacao Trading Co, Leif, Trujillo
700 bgs, Gillespie & Co, Leif, Trujillo
2,000 bgs, Machado & Co, Leif, Sanchez
1,400 bgs, Machado & Co, Leif, Puerto Plata
753 bgs, Ancon, Cristobal
300 bgs, Curacao Trading Co, Ponce, Macorus
244 bgs, Curacao Trading Co, Ponce, Sanchez
1,580 bgs, Curacao Trading Co, Ponce, Puerto Plata
65 bgs, Schutte & Focke, Amor, Maracaibo
250 bgs, J Aron & Co, Thode Fagelund, Port Spain
150 bgs, Wood & Selick, Thode Fagelund, Port Spain
250 bgs, Thode Fagelund, Port Spain
508 bgs, Curacao Trading Co, Coamo, Trujillo
250 bgs, W R Grace & Co, Uruguay, Port Spain
100 bgs, J Aron & Co, Uruguay, Port Spain
150 bgs, Middleton & Co, Uruguay, Port Spain
100 bgs, Meyer & Co, Santa Paula, Porto Cabello
4,000 bgs, W R Grace & Co, Patria, Ilheos
2,000 bgs, Nieschlag & Co, Patria, Ilheos
1,000 bgs, Wood & Selick, Patria, Ilheos
5,000 bgs, Wessel, Kulenkampf & Co, Patria, Ilheos
1,000 bgs, General Cocoa Co, Patria, Ilheos
354 bgs, Gran, Lisbon
RESIDUE—2,500 bgs, H J Baker & Bros, Volendam, Rotterdam
COCONUTS—300 bgs, I L Toledano Corp, Ancon, Cristobal
15 bgs, J De Cristina, Coamo, San Juan
19 bgs, Coamo, San Juan
376 bgs, Universal Import & Export Co, Rosario, Mayaguez
730 bgs, General Food Corp, Rosario, San Juan
185 bgs, Universal Import & Export Co, Rosario, San Juan
109 bgs, I L Toledano Corp, Rosario, San Juan
1,411 bgs, General Food Corp, Veragua, Kingston
500 bgs, Veragua, Kingston
COCONUT, DESIC—500 cs, Wilbur Ellis Co, Muncaster Castle, Davao
COLORS—1 cs, Rohner, Gehrig & Co, Europa, Bremen
1 cs, B F Drakenfeld & Co, American Shipper, Liverpool
ARTISTS—4 cs, Gallagher & Ascher, Volendam, Rotterdam
DRY—1 cs, Gallagher & Ascher, Volendam, Rotterdam
35 cks, Stanley Doggett, Exeter, Marseilles
ENAMEL—1 cs, B F Drakenfeld & Co, Europa, Bremen
1 cs, B F Drakenfeld & Co, Hamburg, Hamburg
PIGMENT—1 ck, General Dyestuff Corp, Statendam, Rotterdam
COPPER MUD—254 dms, Gran, Marseilles
RESIDUE—453 bgs, Kyno, Newcastle-on-Tyne
173 bbls, American Metal Corp, Black Eagle, Rotterdam
CORIANDER SEED—200 bgs, Gran, Casablanca
100 bgs, Jewett & Sherman, Exmoor, Casablanca
100 bgs, Armour & Co, Exmoor, Casablanca
300 bgs, B H Old & Co, Exmoor, Casablanca
200 bgs, Otto Gerdau, Exmoor, Casablanca
100 bgs, J Raphael & Sons, Exmoor, Casablanca
200 bgs, American Hawaiian S S Co, Exmoor, Casablanca
CORK, SHAVINGS—1,402 bls, Wicander & Co, Gran, Lisbon
466 bls, National City Bank, Gran, Lisbon
WASTE—34 bls, Wicander & Co, Gran, Lisbon
1,297 bls, Armstrong Cork Co, Gran, Lisbon
WOOD—235 bls, Chase National Bank, Gran, Lisbon
55 bls, Wicander & Co, Gran, Lisbon
293 bls, Gran, Lisbon
1,025 bls, Irving Trust Co, Exmoor, Seville
CUMIN SEED—200 bgs, P H Petry & Co, Exmoor, Casablanca
20 bgs, Exmoor, Casablanca
84 bgs, Exeter, Marseilles
CUTTLEFISH BONES — 100 cs, Vulcania, Trieste
700 cs, Gran, Marseilles
DEXTRIN, POTATO—100 bgs, Stein, Hall & Co, Statendam, Rotterdam
DRAGONS BLOOD—27 cs, Bank of Manhattan, Muncaster Castle, Singapore
DYES—38 cks, 1 cs, Ozalid Corp, Volendam, Rotterdam
ALIZARIN—7 cks, 57 jugs, 4 dms, General Dyestuff Corp, Volendam, Rotterdam
3 cks, General Dyestuff Corp, Statendam, Rotterdam
ANILIN—7 cks, 1 pkg, General Dyestuff Corp, Europa, Bremen
14 cks, Geigy Co, Champlain, Havre
3 cyls, Sandoz Chem Works, Champlain, Havre
23 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
23 cks, L & R Organic Prod, Volendam, Rotterdam
121 cks, 23 dms, 1 cs, General Dyestuff Corp, Volendam, Rotterdam
DYES, ANILIN—8 dms, Sandoz Chem Works, Volendam, Rotterdam
35 cks, Geigy Co, Ile France, Havre
149 cans, 2 cs, Ciba Co, Ile France, Havre
10 cans, 30 kgs, Carbic Color & Chem Co, Ile France, Havre
19 dms, Sandoz Chem Works, Statendam, Rotterdam
5 cks, General Dyestuff Corp, Statendam, Rotterdam
EGG YOLK, HEN—112 cs, I Grob & Co, Akagi, Tientsin
112 cs, Importer Comm Co, Akagi, Tientsin
ERGOT—20 cs, S B Penick & Co, Gran, Leixoes
FERROALLOY—121 bbls, National City Bank, Oslofjord, Oslo
FERROMANGANESE—250 cks, Charles Hardy, Manhattan, Havre
FILTER PAPER—10 cs, H Reeve Angel & Co, Mauretania, London
30 pkgs, H Reeve Angel & Co, Queen Mary, Southampton
FISH LIVERS—543 tins, Mitsubishi Shoji Kaisha Yomagiri, Yokohama
600 tins, J D Irwin & Co, Yamagiri, Yokohama
FLAXSEED—6,484,800 kilos, 259,392 bus, Archer, Daniels, Midland Co, Thode Fagelund, Rosario
489,000 kilos, 19,560 bus, Uruguay, Buenos Aires
169 bgs, 371 bus, Uruguay, Buenos Aires
FLEASEED—25 bgs, Peek & Velsor, Exeter, Marseilles
50 bgs, R J Prentiss & Co, Exeter, Marseilles
FLINT PEBBLES—270 bgs, Buebendorf Bros, Pilsudski, Copenhagen
FULLER'S EARTH—100 bgs, L A Salomon & Bros, Mauretania, London
GAMBIER—210 bgs, E E Androvette, Muncaster Castle, Singapore
260 cs, American Dyewood Co, Muncaster Castle, Belawan Deli
260 cs, Muncaster Castle, Belawan Deli
GELATIN, POWDERED—100 bgs, T M Duche & Sons, Volendam, Rotterdam
SHEET—20 cs, T M Duche & Sons, Black Eagle, Rotterdam
GINGER ROOT—5 bgs, D Steengrafe, Rosario, San Juan
GLASS, PLATE—4 cs, Charles Happel, Manhattan, Hamburg
WINDOW—20 cs, Hamburg, Hamburg
750 cs, Petrocelli, Brusse & Rogers, Black Eagle, Antwerp
35 cs, Semon, Bache & Co, Black Eagle, Antwerp
1 cs, Semon, Bache & Co, Laconia, Liverpool
186 cs, National City Bank, Jean Jadot, Antwerp
265 cs, Jean Jadot, Antwerp
GLUE—100 bgs, Volendam, Rotterdam
100 bgs, Gallagher & Ascher, Laconia, Liverpool
CEMENT—2 cs, Rohner, Gehrig & Co, Europa, Bremen
POWDERED—100 bgs, Gallagher & Ascher, Mauretania, London
120 bgs, 50 cks, Rex & Reynolds, Exeter, Marseilles
GLUESTOCK—362 bls, J J Murphy & Co, American Shipper, Liverpool
GREASE, WOOL—30 dms, Hummel Chem Co, Laconia, Liverpool
100 bbls, Laconia, Liverpool
30 bbls, American Shipper, Liverpool
30 dms, American Shipper, Liverpool
30 dms, H S Dorf, American Shipper, Liverpool
GUM, ARABIC—448 bgs, Mauretania, London
150 bgs, Frank-Vliet Co, Mauretania, London
ASAFETIDA—100 cs, Hamburg, Hamburg
BENZOIN—10 cs, Exeter, Marseilles
COPAL—600 bgs, Stroock & Wittenberg, Jean Jadot, Antwerp
60 bgs, France, Campbell & Darling, Jean Jadot, Antwerp
40 bgs, S Winterbourne & Co, Jean Jadot, Antwerp
DAMMAR—100 bgs, Stroock & Wittenburg, Muncaster Castle, Batavia
310 bgs, Stroock & Wittenburg, Muncaster Castle, Singapore
50 cs, Gillespie-Rogers-Pyatt Co, Muncaster Castle, Singapore
400 bgs, 100 cs, Thurston & Braidich, Steel Scientist, Batavia
25 cs, Steel Scientist, Batavia
INDUSTRIAL—100 bgs, Exeter, Marseilles
LOCUST—130 bgs, V M Calderon & Co, Exeter, Alexandria
SANDARAC—22 bbls, G H Lincks, Exmoor, Casablanca
16 bbls, Exmoor, Casablanca
TRAGACANTH—84 cs, E Meer & Co, Exeter, Beyrouth
GYPSUM—6,400 tons, U S Gypsum Co, Gypsum Empress, Windsor
700 bgs, Whittaker, Clark & Daniels, Kyno, Hull
6,000 tons, U S Gypsum Co, Gypsum Prince, Windsor
HEMPSEED—200 bgs, Mitsui & Co, Akagi, Dairen
HERBS, MEDICINAL—6 bls, Peek & Velsor, Vulcania, Trieste
14 cs, B & O R R, Robin Adair, Durban
7 bls, 12 cs, P H Petry & Co, Gran, Marseilles
HOPS—6 bls, R F Downing & Co, Black Eagle, Antwerp
HAWTHORN BERRIES — 13 bgs, Exmoor, Bourgas
INDIGO—40 cks, General Dyestuff Corp, Volendam, Rotterdam
20 cks, General Dyestuff Corp, Statendam, Rotterdam
INK, DRAWING—1 cs, Gallagher & Ascher, Volendam, Rotterdam
IRIDIUM—11 pkgs, Amtorg Trading Corp, Kusnetz Lesov, Leningrad
IRON, CHLORIDE—75 cks, Philipp Bros, Hamburg, Hamburg
ORE—100 bgs, Reichard-Coulston, Vulcania, Dubrovnik
448 bgs, 50 dms, Reichard-Coulston, Laconia, Liverpool
1 cs, Cohen & Mann, Jean Jadot, Antwerp
OXIDE—25 kegs, J H Rhodes & Co, Laconia, Liverpool
ISINGLASS—15 cs, Richard Shipping Corp, Mauretania, London
KOLA NUTS—160 bgs, D Steengrafe, Veragua, Kingston
KYANITE ORE—24 tons, 7 cwt, Crown City, Calcutta
LAVENDER FLOWERS—8 bls, Peek & Velsor, Exeter, Marseilles
LEAVES, MEDICINAL—8 bls, Exeter, Marseilles
LIME JUICE—10 cks, W J Bush & Co, Uruguay, Port Spain
POWDERED—23 cks, Strohmeyer & Arpe Co, Hamburg, Hamburg
LOOFAHS—3 bls, Schraeder & Tremayne, Yamagiri, Kobe
MACE—61 cs, W E Martin, Volendam, Rotterdam
MAGNESIA, CALCINED—25 cks, 20 cs, Schofield-Donald Co, American Shipper, Liverpool
CARBONATE—55 cs, Schofield-Donald Co, American Shipper, Liverpool
TRISILICATE—25 cks, Schoefield-Donald Co, American Shipper, Liverpool
MANGROVE BARK—4,190 bgs, Robin Adair, Zanzibar
1,270 bgs, Robin Adair, Kilwa Kisiwani
EXTRACT—2,500 bgs, Muncaster Castle, Singapore
MATCHES, SAFETY—13,158 cs, Chase Natl Bank, Lusnetz Lesov, Leningrad
1,000 conts, New York Match Co, Vingaren, Gothenburg
MEAKIN MEAL—1,000 bgs, Mitsubishi Shoji Kaisha, Yamagiri, Kobe
MEDICINAL PREPS—7 cs, Hoffman, La Roche, Champlain, Havre
MENTHOL—20 cs, Bridges, Neumer & Co, Kinka, Kobe
50 cs, McKesson & Robbins, Yamagiri, Kobe
25 cs, Magnus, Mabee & Reynard, Akagi, Kobe
MICA, BLOCK—2 cs ,Gillespie-Rogers-Pyatt Co, Crown City, Calcutta
DISCS—7 cs, Gillespie-Rogers-Pyatt Co, Crown City, Calcutta
183 cs, Crown City, Calcutta
FILM—10 cs, Crown City, Calcutta
SPLITTINGS—72 cs, Gillespie-Rogers-Pyatt Co, Crown City, Calcutta
MINERAL—610 bgs, Astri, Buenos Aires
MUSTARD SEED—150 bgs, Durkee Famous Foods, Volendam, Rotterdam
MYROBALANS—4,480 bgs, Crown City, Bombay
NUTMEGS—142 bgs, J F Frank, Muncaster Castle, Batavia
OCHER—18 cks, Stanley Doggett, Exeter, Marseilles
18 cks, 141 bgs, Reichard-Coulston, Exeter, Marseilles
10 cks, Scott L Libby Corp, Exeter, Marseilles
10 cks, Hammill & Gillespie, Exeter, Marseilles
25 cks, Wishnick-Tumpeer, Exeter, Marseilles
OIL, ALMOND—40 cs, Exeter, Marseilles
CAMPHOR—3 dms, Ungerer & Co, Akagi, Yokohama
13 dms, Geo Lueders & Co, Akagi, Yokohama
4 dms, Magnus, Mabee & Reynard, Akagi, Yokohama
CINNAMON LEAF—2 dms, Crown City, Colombo
CITRONELLA—11 dms, E Dewitt Osborn, Crown City, Colombo
6 dms, Brown Brothers, Harriman Co, Crown City, Colombo
1 dm, Chase National Bank, Steel Scientist, Colombo
4 dms, Geo Uhe & Co, Steel Scientist, Colombo
2 dms, Magnus, Mabee & Reynard, Steel Scientist, Colombo
CLOVE—8 cks, Norwegian American Line, Mauretania, London
COCONUT—6,685 tons, Spencer Kellogg & Sons, Gertrude Kellogg, Manila
CODLIVER—100 dms, Guaranty Trust Co, Kyno, Hull
200 dms, National Oil Prod Corp, Kyno, Hull
CORIANDER—2 cs, Amtorg Trading Corp, Kusnetz Lesov, Leningrad
ESSENTIAL—2 cs, Vulcania, Trieste
4 cs, Manhattan, Lyons
3 dms, 4 cs, Manhattan, Havre
3 cs, Champlain, Havre
2 cs, Volendam, Rotterdam
8 cs, Queen Mary, Southampton
36 cs, Ile de France, Havre
10 pkgs, Gran, Marseilles
11 pkgs, Exeter, Marseilles
FUEL—133,000 bbls, Standard Oil Co of N J, C O Stillman, Aruba
111,000 bbls, Standard Oil Co of N J, F J Wolfe, Aruba
64,574 bbls, Asiatic Petroleum Corp, Scottish Maiden, Aruba
LAVENDER—4 dms, Chase Natl Bank, Exeter, Marseilles
LEMON—40 cs, P H Petry & Co, Manhattan, Havre
LIME—29 cs, American Merchant, London
LIME DUST—22 dms, Ungerer & Co, Uruguay, Port Spain
NAPHTHENIC RESIDUE—130 dms, Agwistar, Tampico
OITICICA—59 dms, Lenape Trading Co, Patria, Ceara
121 dms, Patria, Ceara
OLIVE—75 cs, Vulcania, Palermo
53 cs, Vulcania, Patras
50 cs, Champlain, Havre
30 dms, Gran, Lisbon
20 cs, Gran, Nice
25 dms, Gran, Marseilles
237 cs, 10 dms, Exmoor, Seville
50 cs, Exmoor, Malaga
10 cs, Exeter, Telaviv
100 cs, Exeter, Piraeus
50 dms, Agash Refg Corp, Exeter, Piraeus
149 dms, Bank of Athens, Exeter, Piraeus
50 dms, Leghorn Trading Co, Exeter, Piraeus
50 dms, Commercial Bank of Greece, Exeter, Piraeus
100 dms, J Ossolo Co, Exeter, Piraeus
25 dms, Ionian Bank, Exeter, Piraeus
125 dms, Smith Wehman Co, Exeter, Piraeus
100 cs, Exeter, Leghorn
50 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
15 dms, Di Bella Bros, Exeter, Genoa
50 dms, J Minervini, Exeter, Genoa
2,143 cs, Exeter, Genoa
PALM—50 dms, I Grob & Co, Volendam, Rotterdam
quantity, Banque, Belgepour, L Etranger, Muncaster Castle, Belawan Deli
PALM KERNEL—147 bbls, E F Jones Chem Co, Kyro, Hull
PERILLA—305 tons, Mitsui & Co, Akagi, Dairen
300 tons, Mitsubishi, Shoji, Karshov, Dairen
309 tons, S L Jones & Co, Akagi, Kobe
PETITGRAIN—60 cs, Danio, Buenos Aires
PINENEEDLE—22 cks, Amtorg Trading Corp, Kusnetz Lesov, Leningrad
SAGE—4 dms, Vulcania, Dubrovnik
14 cs, Magnus, Mabee & Reynard, Vulcania, Trieste
TEASEED—50 dms, Leghorn Trading Co, Akagi, Shanghai
WHALE LIVER—1 tin, Mitsui, Shoji, Karsha Yamagiri, Yokohama
YLANG YLANG—2 pkgs, Grau, Marseilles
2 dms, A Chris Co, Exeter, Marseilles

OPIUM—16 cs, New York Quinine & Chem Works, Mauretania, London
ORANGE PEEL—25 bgs, Transmarine Mercantile Corp, Santa Paula, Cape Haitien
PAINT—5 pkgs, R F Vaughan, Volendam, Rotterdam
PAPRIKA—50 bgs, Vulcania, Trieste
25 bgs, J Raphael & Son, Manhattan, Hamburg
80 bgs, S F Brun, Exmoor, Bourgas
PARAFFIN—1 cs, Akatos, Inc, Hamburg, Hamburg
PEATMOSS—600 bls, Manhattan, Hamburg
200 bls, Peat Import Corp, Manhattan, Hamburg
50 half bls, 75 bls, Premier Peatmoss Corp, Volendam, Rotterdam
310 bls, Pensard & Co, Volendam, Rotterdam
300 bls, E Bremermann, Volendam, Rotterdam
350 bgs, Freemer Peatmoss Corp, Scanpenn, Copenhagen
PEPPER, BLACK—946 bgs, Catz American Co, Muncaster Castle, Batavia
PETROLEUM, CRUDE—90,000 bbls, Gulf Oil Corp, Alar, Tampico
115,000 bbls, Standard Oil Co of N J, Franz Klasen, Aruba
PHARMACEUTICALS—9 bls, Pitt & Scott, Ile de France, Havre
PIMENTO—100 bgs, Gillespie & Co, Veragua, Kingston
50 bgs, Barclay Bank, Veragua, Kingston
171 bgs, Veragua, Kingston
PITCH, STEARIN—102 dms, S E Ketler, Kyno, Hull
45 dms, American Shipper, Manchester
POLISH—83 cs, Salomon & Phillips, American Merchant, London
POPPYSEED — 200 bgs, Superintendence Co, Pilsudski, Gdynia
100 bgs, M Wisenburg, Volendam, Rotterdam
100 bgs, American Express Co, Statendam, Rotterdam
300 bgs, Superintendence Co, Scanpenn, Gdynia
POTASH, CARBONATE—15 cks, T C Wygandt, Hamburg, Hamburg
CHLORATE, POWD — 100 dms, Uniform Chem Prod Co, Hamburg, Hamburg
MURIATE—190,800 kilos, N V Potash Export Mij, Black Eagle, Antwerp
NITRATE—250 bgs, Amtorg Trading Corp, Kusnetz Lesov, Leningrad
SULPHATE—5,000 bgs, N V Potash Export Mij, Black Eagle, Antwerp
POTTER'S GLAZE—B F Drakenfeld & Co, American Shipper, Liverpool
PYRETHRUM FLOWERS—125 bls, E Meer & Co, Kinka, Kobe
137 bls, McKesson & Robbins, Vulcania, Dubrovnik
10 bls, Robin Adair, Mombasa
17 bls, Robin Adair, Dar es Salaam
QUEBRACHO EXTRACT—10,257 bgs, American Tanners, Danio, Buenos Aires
1,101 bgs, Beardmore & Co, Uruguay, Buenos Aires
1,634 bgs, Tannin Corp, Uruguay, Buenos Aires
QUICKSILVER—98 flasks, Agwistar, Tampico (option London)
QUINCE SEED—14 bgs, Hamburg, Hamburg
QUINIDINE SULPHATE—35 cs, New York Quinine & Chemical Works, Volendam, Rotterdam
ROOT, MEDICINAL—12 bls, S B Penick & Co, Vulcania, Trieste
6 bls, Peek & Velsor, Vulcania, Trieste
4 bls, Scanpenn, Gdynia
ROSE LEAVES—40 bls, S B Penick & Co, Exmoor, Casablanca
67 bls, Exmoor, Casablanca
ROSIN—25 cs, Vulcania, Trieste
25 cs, Magnus, Mabee & Reynard, Vulcania, Trieste
SAGO FLOUR—1,036 bgs, Stein, Hall & Co, Muncaster Castle, Singapore
SAPONIN—5 cs, Hamburg, Hamburg
SAWDUST—644 bgs, State Chemical Co, Volendam, Rotterdam
SENNA, SIFTINGS—18 bls, Hamburg, Hamburg
SESAME SEED—22 bgs, Exeter, Alexandria
SHELLAC—34 bgs, A Hurst & Co, Statendam, Rotterdam
SEEDLAC—450 bgs, Ralli Bros, Crown City, Calcutta
300 bgs, Wm Zinsser & Co, Crown City, Calcutta
SILICON CARBIDE—1 bg, J W Higman Co, Vingaren, Gothenburg
SOAP—17 cs, H Bendel, Champlain, Havre
12 cs, D C Andrews & Co, Mauretania, London
CASTILE—18 cs, R H Macy & Co, Exeter, Haifa
COMMON—210 cs, Conti Product Corp, Exeter, Leghorn
SADDLE—50 cs, J J Gavin & Co, Mauretania, London
TOILET—5 cs, B Altman, Volendam, Rotterdam
4 cs, Globe Shipping Co, Volendam, Rotterdam
SODA, CYANIDE—1,000 dms, American Cyanamid & Chem Co, Manhattan, Hamburg
990 cyls, Charles Hardy, Champlain, Havre
SILICOFLUORIDE—80 bbls, Hummel Chem Co, Mormacstar, Copenhagen
SULPHATE—952 bgs, W R Grace & Co, Santa Lucia, Antofagasta
SOOT, DESTROYERS—4 cs, Hoole Service Co, American Merchant, London
SPONGES—94 bls, J H Rhodes & Co, Oriente, Havana
2 bls, A W Fenton Co, Mexico, Havana
REFUSE—6 bls, J H Rhodes & Co, Oriente, Havana
STARCH, RICE—50 bls, Jean Jadot, Antwerp
STEARIN, COD OIL—141 bbls, Manhattan, Hamburg
OLEO—50 trcs, Uruguay, Buenos Aires
STEATITE—6 bbls, M Kirchberger & Co, Exeter, Leghorn
5 bbls, Caldwell & Co, Exeter, Leghorn
STRONTIUM HYDRATE—8 cks, Hamburg, Hamburg
TALC—224 bgs, Crown City, Calcutta
500 bgs, H H Rosenthal Co, Yamagiri, Kobe
1,200 bgs, C B Chrystal & Co, Akagi, Dairen
300 bgs, Chase Natl Bank, Akagi, Dairen
250 bgs, Whittaker, Clark & Daniels, Exeter, Marseilles
TANKAGE—908 bgs, Armour & Co, Astri, Montevideo
5,000 bgs, Astri, Montevideo
2,022 bgs, Astri, Buenos Aires
1,879 bgs, Swift & Co, Danio, Buenos Aires
2,012 bgs, J T Stanley Co, Danio, Buenos Aires
2,032 bgs, Danio, Buenos Aires
303 bgs, Keck Trading Corp, Seatrain New York, Havana
2,540 bgs, Thode Fagelund, Santos
TAPIOCA FLOUR—286 bgs, Corn Product Refg Co, Leif Puerto Plata
560 bgs, Java American Export Co, Muncaster Castle, Pasoeroean
552 bgs, Morningstar Nicol, Muncaster Castle, Pasoeroean
2,271 bgs, Muncaster Castle, Pasoeroean
23 bgs, Chase Natl Bank, Muncaster Castle, Pasoeroean
2,737 bgs, Chase Natl Bank, Muncaster Castle, Sourabaya
502 bgs, Java American Export Co, Muncaster Castle, Souabaya
TAPIOCA, FLOUR—255 bgs, Stein, Hall & Co, Muncaster Castle, Sourabaya
500 bgs, National Adhesive Corp, Muncaster Castle, Cheribon
238 bgs, Central Hanover Bank, Muncaster Castle, Cheribon
177 bgs, Chase Natl Bank, Muncaster Castle, Cheribon
2,033 bgs, Balfour, Guthrie & Co, Muncaster Castle, Pamanoekan
500 bgs, Overton & Co, Muncaster Castle, Batavia
506 bgs, Aaron D Welds Sons, Steel Scientist, Sourabaya
500 bgs, Sino Java Trading Corp, Steel Scientist, Batavia
100 bgs, Catz America Co, Steel Scientist, Batavia
390 bgs, Stein, Hall & Co, Steel Scientist, Sourabaya
390 bgs, Stein, Hall & Co, Steel Scientist, Cheribon
518 bgs, Rutger, Bleecker & Co, Steel Scientist, Cheribon
SEED—5 bgs, Catz American Co, Steel Scientist, Cheribon
SIFTINGS—2 bgs, Catz American Co, Steel Scientist, Cheribon
TARTAR—72 bgs, Charles Pfizer & Co, Grau, Marseilles
TEAWASTE—917 bgs, Citro Chem Co, Mauretania, London
THYME LEAVES—50 bls, Exeter, Marseilles
UMBER, BURNT—18 cks, Chase Natl Bank, Exeter, Alexandria
VANADIC—14 dms, Associated Metal & Mineral Co, Vulcania, Trieste
VANADIUM—8,504 bgs, Vanadium Corp, Falcon, Callao
VANILLA BEANS—12 cs, Pan American Trading Co, Ceiba, Guterrez Zamora
11 cs, National City Bank, Exeter, Morseilles
13 cs, Danemann & Smeltzer, Exeter, Marseilles
24 cs, Integrity Trust Co, Exeter, Marseilles
VARNISH—1 cs, Gallagher & Ascher, Volendam, Rotterdam
VIOLET, ULTRAMARINE—6 cks, Calco Chem Co, Volendam, Rotterdam
WAX, ANIMAL—5 cs, Robinson-Wagner Co, Jean Jadot, Antwerp
BEES—4 seroons, Porcella, Vicini & Co, Leif, Trujillo
21 seroons, Porcella, Vicini & Co, Leif, Puerto Plata
9 seroons, H H Pike & Co, Leif, Puerto Plata
151 bgs, Agwistar, Tampico
4 seroons, Porcella, Vicini & Co, Amro, Curacao
19 bgs, Lenape Trading Co, Coamo, Trujillo
10 bgs, Curacao Trading Co, Coamo, Trujillo
80 bgs, Uruguay, Santos
191 blocks, Gran, Lisbon
CANDELILLA—911 bgs, M Argueso & Co, Agwistar, Tampico
CARNAUBA—17 bgs, Innis, Speiden & Co, Patria, Ceara
244 bgs, Patria, Ceara
MINERAL—10 bgs, American Merchant, London
OZOKERITE—50 bgs, Innis, Speiden & Co, Vulcania, Trieste
119 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
WHITING—100 bgs, Jean Jadot, Antwerp
WITHERITE—3,500 bgs, E I Du Pont de Nemours Co, Kyno, Newcastle-on-Tyne
WOODFLOUR—300 bgs, Burnet Co, Oslofjord, Oslo
700 bgs, Burnet Co, Mormacsea, Kotka
YEAST—50 bbls, Pilsudski, Gdynia
ZINC OXIDE—5 cks, Gallagher & Ascher, Volendam, Rotterdam
10 pkgs, Kyno, Newcastle-on-Tyne

New York Transit Imports

ANTHRACENE—2 cks, J J Murphy & Co, American Merchant, London, Rochester
MENTHOL—20 cs, Mitsubishi Shoji Kaisha, Yamagiri, Kobe, Montreal
MOLASSES—8,031 bls, Boston Molasses Corp, Seatrain New York, Havana, Montreal
MUSTARD SEED—500 bgs, W C Otten, Mauretania, London, Rochester
OIL, CODLIVER—110 dms, Kyno, Hull, Superior, Wisconsin
230 dms, Kyno, Hull, Minneapolis
ESSENTIAL—12 cs, Ile de France, Havre, Chicago
PEPPERMINT—100 cs, Amtorg Trading Corp, Kusnetz Lesov, Leningrad, Washington
20 cs, Mitsubishi Shoji Kaisha, Yamagiri, Kobe, Montreal
PINE—1 cs, E V Romaine, American Merchant, London, Newport
SOAP—5 cs, J L Hudson, Ile de France, Havre, Detroit
10 cs, Guaranty Trust Co, Ile de France, Havre, Minneapolis
SPONGES—34 bls, Mexico, Havana, Havre
10 bls, Mexico, Havana, Amsterdam
86 bls, Mexico, Havana, Detroit
REFUSE—10 bls, Mexico, Havana, Havre
69 bls, Mexico, Havana, Detroit
VANILLA BEANS—14 cs, Zink & Triest, Mexico, Vera Cruz, Philadelphia
VIOLET MINERAL POWD—7 cks, National Carloading Corp, Volendam, Rotterdam, Kensington, Illinois
WAX, VEGETABLE—100 cs, Industrial Products, Inc, Akaji, Moji, Greenville, S C

Baltimore Imports

BONEFLOUR—1,103 bgs, Bilderdijk, Rotterdam
BONEMEAL (WHALE)—345 bgs, Standard Wholesale Phosphate Co, Tampa, Stavanger
CHEMICALS—75 cks, Bilderdijk, Rotterdam
1,200 bgs, Cold Harbor, Glasgow
60 cks, Advance Solvents & Chem Co, Black Osprey, Rotterdam
IRON ORE—21,300 tons, Bethlehem Steel Co, Bethore, Cruz Grande
22,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
21,800 tons, Bethlehem Steel Co, Lebore, Cruz Grande
9,519 tons, Leo J Buck, Nuolja, Narvik
9,993 tons, Leo J Buck, Torvanger, Narvik
MAGNESITE, CALC—80 bbls, Innis, Speiden Co, Black Osprey, Rotterdam
MAGNESITE ORE (DEAD BURNED)—20,000 bgs, Nako, Dairen
OIL, CODLIVER—125 dms, 100 bbls, Liberty, Hull
VEGETABLE—100 dms, Bilderdijk, Rotterdam
PEATMOSS—550 bls, Bilderdijk, Rotterdam
700 bls, Black Osprey, Rotterdam
575 bls, Black Osprey, Rotterdam
547 bls, Hercogs Jekabs, Riga
RED EARTH—225 bgs, Bilderdijk, Rotterdam
SEAWEED, DRIED—20 bgs, Cold Harbor, Liverpool
TAR, CRUDE—725,000 gls, Yolanda, London
WAX, BEES—88 bgs, Ayuruoca, Rio Janeiro
WHITING—600 bgs, Black Osprey, Antwerp

Boston Imports

ACID, FORMIC—200 btls, Atlantic Forwarding Co, Wiegand, Bremen
ACID, STEARIC—30 triple bgs, 2 tons, 6 cwt, 2 qr, 5 lbs, Laconia, Liverpool
BARYTES—200 bgs, 22,046 lbs, Birmania, Genoa
BONES—1,045 bgs, 112,916 lbs, National City Bank N Y, Mormacrio, Montevideo
CALCIUM NITRATE—850 tons, Synthetic Nitrogen Products Corp, Taurus, Heroen
CARAWAY SEED—50 bgs, Bilderdijk, Rotterdam
CHEMICALS—33 bbls, Bilderdijk, Rotterdam
TEXTILE—10 cks, J P Marston Co, American Shipper, Liverpool
COCOA BEANS—500 bgs, 90,003 lbs, W R Grace & Co, Goslar, Guayaquil
COCONUT, DESIC—35 cs, Philippine Desiccated Coconut Corp, Peter Maersk, Manila
200 cs, Bank California, N A Kyusyu, Davao
50 cs, Habicht Braun & Co, Lossiebank, Colombo
DEXTRIN, POTATO—50 bgs, Stein Hall & Co, Bilderdijk, Rotterdam
DISINFECTANT, PREP—1 pkg, 176 lbs, Wiegand, Hamburg
FERTILIZER, CHEMICAL MANURE—16 bgs, American Merchant, London
FISH LIVERS—5 bxs, Dench & Hardy, Saint John, Yarmouth
1 bx, R S Hamilton, Saint John, Yarmouth
2 bxs, Russo & Sons Co, Saint John, Yarmouth
198 tins, 8,316 lbs, Gorton Pew Fisheries Co, Ltd, Peter Maersk, Yokohama
4 cs, 4 bxs, Gorton Pew Fisheries Co, Ltd, Yarmouth, Yarmouth
1 bbl, R S Hamilton, Yarmouth, Yarmouth
17 cs, John Nagle, Evangeline, Yarmouth
1 bx, Joseph A Rich Co, Evangeline, Yarmouth
1 cs, Gorton Pew Fisheries Co, Evangeline, Yarmouth
2 bxs, Russo & Sons Co, Evangeline, Yarmouth
LIVERS, SWORDFISH—23 tins, Gorton Pew Fisheries Co, OK Service II, Louisburg, N S
865 lbs, Gorton Pew Fisheries Co, OK Service, IV, La Have, N S
3 cs, John Nagle, Evangeline, Yarmouth
GAMBIER—182 cs, Littlejohn & Co, Tawali, Singapore
CUBE—140 bgs, Littlejohn & Co, Siantar, Singapore
GLASS, GROUND, GLAZE—200 bgs, C B Chrystal Co, Bilderdijk, Rotterdam
GLUE, BONE, SHEET—500 bgs, Birmania, Trieste
FISH—18 bbls, Nicholson & Co, Saint John, Yarmouth
GLUESTOCK, FISH—4 bbls, J R Poole, Evangeline, Yarmouth
1 bbl, R Ranagan, Yarmouth, Yarmouth
1 cs, 6 bbls, J R Poole, Saint John, Yarmouth
HIDE—218 bgs, American Shipper, Manchester
HERBS—44 bls, 10,869 lbs, R J Prentiss & Co, Wiegand, Hamburg
INK, PRINTING—1 cs, American Express Co, American Merchant, London
LEATHER, DUST—1 cs, Goslar, Melbourne
LIVERMEAL—543 bgs, 55,087 lbs, Guaranty Trust Co, Danio, Buenos Aires
LOAM—150 tons, American Merchant, London
MACE—19 cs, Siantar, Macassar
MEAKIN MEAL—6,000 bgs, Kyusyu, Kobe
MICA—20 cs, 2,557 lbs, Mormacrio, Buenos Aires
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Bilderdijk, Rotterdam
200 bgs, 22,398 lbs, Wiegand, Hamburg
NAPHTHALENE—2,500 bgs, Bilderdijk, Rotterdam
1,250 bgs, Wiegand, Bremen
OIL, CODLIVER—100 dms, United Drug Co, Taurus, Bergen
FUEL—1 cs, Goslar, Melbourne
31,000 bbls, Colonial Beacon Oil Co, Allan Jackson, Aruba
5,288 tons, Colonial Beacon Oil Co, Allan Jackson, Las Piedras
OLIVE—610 cs, Exeter, Genoa
25 dms, 12,651 lbs, Standard Products Co, Exeter, Piraeus
20 dms, 10,119 lbs, International Importing Co, Exeter, Piraeus
125 dms, 58,021 lbs, Leghorn Trading Co, Exeter, Piraeus
150 dms, 72,531 lbs, British-French Discount Bank, Ltd, Exeter, Piraeus
5 dms, 2,341 lbs, Stavros Kamilakis, Exeter, Piraeus
30 dmjs, 75 cs, 11,030 lbs, Alberti Importing & Exporting Co, Birmania, Genoa
1,050 cs, 129,355 lbs, Pastene & Co, Birmania, Genoa
PINE—10 dms, American Express Co, American Merchant, London
SPERM—100 dms, Bilderdijk, Rotterdam
40 dms, American Shipper, Glasgow
PEATMOSS—845 bls, Halfmoon Mfg & Trading Co, Bilderdijk, Rotterdam
600 bls, Wiegand, Bremen
320 bls, Ernst Bremermann & Co, Bilderdijk, Rotterdam
PEPPER, BLACK—258 bgs, Catz American Co, Lossiebank, Batavia
WHITE—86 bgs, Catz American Co, Lossiebank, Batavia
PITCH, MARINE GLUE—10 dms, 7 crts, L W Ferdinand & Co, American Merchant, London
STEARIN—10 bbls, American Shipper, Liverpool
PLATE, POWDER—1 cs, S S Pierce Co, American Merchant, London
PLATING SOLUTION—1 crt, General Motor Export Corp, Goslar, Port Adelaide
POLISH, SHOE—20 ctns, American Merchant, London
WINDOW—8 cs, Boston Plate & Window Glass Co, Birmania, Genoa
POPPYSEED—50 bgs, Bilderdijk, Rotterdam
QUEBRACHO EXTRACT—2,168 bgs, 235,622 lbs, American Tanners, Danio, Buenos Aires
1,500 bgs, 151,524 lbs, International Products Corp, Mormacrio, Buenos Aires
1,900 bgs, 207,373 lbs, Tannin Corp, Mormacrio, Buenos Aires
SHELLAC—10 cs, J Henry Schroeder Banking Co, Bilderdijk, Rotterdam
37 double bgs, 21,664 lbs, A Hurst & Co, Wiegand, Hamburg
SOAP—50 cs, 1,988 lbs, Conti Products Corp, Exeter, Leghorn
TOILET—64 cs, T D Downing Co, American Merchant, London
TAPIOCA FLOUR—280 bgs, Tawali, Pasoeroean
552 bgs, Central Hanover Bank & Trust Co, Tawali, Pasoeroean
200 bgs, W R Grace & Co, Tawali, Samarang
500 bgs, Siantar, Tjilatjap
276 bgs, Siantar, Pasoeroean
1,103 bgs, Central Hanover Bank & Trust Co, Siantar, Pasoeroean
1,801 bgs, Siantar, Cheribon
1,102 bgs, Merchants National Bank, Lossiebank, Pasoeroean
2,206 bgs, Central Hanover Bank & Trust Co, Lossiebank, Pasoeroean
2,206 bgs, Industrial Trust Co, Lossiebank, Pasoeroean
260 bgs, Lossiebank, Cheribon
TRICHLORETHYLENE—25 dms, Bilderdijk, Rotterdam
WAX, BEES—18 bls, Frank B Ross Co, Bilderdijk, Rotterdam

Boston Transit Imports

OIL, SOD—20 cks, American Shipper, Liverpool, for Chicago

Everett Imports

CHINA CLAY—Quantity, Balfour, Guthrie & Co, Wyoming, Antwerp

Galveston Imports

MANGANESE ORE—3,150 tons, Langleford, Santiago

Los Angeles Imports

ALUM POTASH, CHROME—16 cks, 11,730 lbs, Portland, Frankfort
ANTIMONY ORE—85,200 lbs, From Iguala
BABASSU KERNELS—2,526 bgs, 334,170 lbs, Leikanger, Maranhao
BALSAM—870 lbs, Wyoming, San Salvador
CALCIUM CHLORIDE—30 pkgs, 11,240 lbs, Portland, Koeln
CAMPHOR, REFD—50 lbs, Tosei, Yokohama
CANARY SEED—425 bgs, 54,590 lbs, Leikanger, Buenos Aires
CASTOR SEED—826 bgs, 107,540 lbs, West Nilus, Seara
CHEMICAL COMP—110 lbs, Tokai, Yokohama
SALT—1,050 lbs, Kamakura, Yokohama
3,000 lbs, Tai Yin, Hongkong
CHILLIES—2,500 lbs, Yamagiri, Kobe
COCONUT, DESSIC—158,950 lbs, Gertrude Maersk, Manila
333 cs, 49,950 lbs, Tai Yin, Zamboanga
489 cs, 64,250 lbs, Tai Yin, Manila
COCONUTS—50 bgs, 7,000 lbs, San Marcos, Colon
COLORS, ARTISTS'—50 lbs, Fronm London
WATER—2 lbs, Lochavan, London
COPRA MEAL—600,000 lbs, Tosei, Manila
4,000 pkgs, 400,000 lbs, Djambi, Cebu
2,000 bgs, 200,000 lbs, Corneville, Manila
DRUGS, CRUDE—130 lbs, Tai Yin, Hongkong
FISH LIVERS—149 tins, 8,960 lbs, Asosan, Japan
1,625 tins, 65,000 lbs, Asosan, Yokohama
260 tins, 10,080 lbs, Asakasan, Japan
1,000 tins, 40,000 lbs, Asakasan, Yokohama
15 crts, 11,000 lbs, Tai Yin, Zamboanga
DYE, HAIR—80 lbs, Asakasan, Kobe
GINSENG ROOT—1,250 lbs, Kyusyu, Korea
GREASE, LUBRICATING—36 tins, 10 lbs, Pacific Enterprise, Birmingham
GUM TRAGACANTH—1,010 lbs, Portland, Hamburg
MEDICINAL PREPS—380 lbs, Kamakura, Kobe
OIL, MINERAL—20 dms, 8,110 lbs, Portland, Antwerp
MUSTARD SEED, REFD—313,200 lbs, Kamakura, Osaka
OITICICA—100 dms, 31,000 lbs, West Nilus, Ceara
OLIVE—200 cs, 12,580 lbs, President Hayes, Genoa
100 cs, 10,380 lbs, Leme, Leghorn
PEANUT—1,080 lbs, Tai Yin, Hongkong
PEANUT MEAL—420,000 lbs, Tosei, Tsingtao
100,000 lbs, Kamakura, Tsingtao
PEATMOSS—800 pkgs, 80,640 lbs, Canada, Malmo
1,000 bls, 129,920 lbs, Portland, Bremen
SEAWEEDS—200 lbs, Asosan, Yokohama
40 lbs, Tai Yin, Hongkong
180 lbs, Asakasan, Yokohama
SOYBEANS—200 lbs, Kamakura, Yokohama
STARCH, POTATO—1,000 lbs, Kamakura, Yokohama
490 lbs, Asosan, Yokohama
STARCHES—150 lbs, Kamakura, Yokohama
180 lbs, Kamakura, Kobe
TALC—22,400 lbs, Tosei, Kobe
TANKAGE—886 bgs, 96,630 lbs, West Nilus, Buenos Aires
TAPIOCA FLOUR—5,300 lbs, Djambi, D. E. I.
TOILET PREPS—20 lbs, From London
VANILLA BEANS—1,040 lbs, President Hayes, Marseilles
WAX, CARNAUBA—2,180 lbs, West Nilus, Ceara
6,750 lbs, West Nilus, Fortaleza
MINERAL—29 bgs, 6,400 lbs, Portland, Prague
ZINC CHLORIDE—50 dms, 11,020 lbs, Hokkai, Antwerp

Mobile Imports

BAUXITE ORE—2,817 tons, Austvangen, Paramaribo
3,579 tons, Far, Paramaribo
MANGANESE ORE—6,500 tons, Langleeford, Paramaribo

New Orleans Imports

ARSENATE—97 bbls, Burgerdijk, Rotterdam
BAUXITE ORE—2,735 tons, Aluminum Ore Co, Karmoy, Paramaribo
832 tons, Aluminum Ore Co, Karmoy, Port of Spain
BONE FLOUR—2,225 sks, Chase National Bank, Burgerdijk, Rotterdam
1,103 sks, Burgerdijk, Rotterdam
MEAL—400 sks, Burgerdijk, Rotterdam
1,103 sks, Aachen, Hamburg
CHEMICALS—100 dms, Burgerdijk, Rotterdam
72 cks, Advance Solvents & Chemical Corp, Aachen, Hamburg
GLASS, WINDOW—3 cs, Illinois Central RR, Burgerdijk, Antwerp
330 cs, Burgerdijk, Antwerp
LITHOPONE—400 sks, Texas Transport & Terminal Co, Burgerdijk, Rotterdam
MUSTARD—28 cs, Atlantic Sales Co, Burgerdijk, Rotterdam
BRAN—80 sks, Whitney Bank, Aachen, Hamburg
OCHER—800 sks, Istria, Marseilles
OIL, CODLIVER—11 dms, Burgerdijk, Rotterdam
LUBRICATING—135 dms, Sareussen Ship Sullies Co, Aachen, Bremen

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AUG 1939 XUM

PEATMOSS—830 bls, Peoples National Bank, Burgerdijk, Rotterdam
370 bls, Marine Midland Trust Co, Burgerdijk, Rotterdam
200 bls, E Bremermann & Co, Burgerdijk, Rotterdam
98 bls, Burgerdijk, Rotterdam
250 bls, Premier Peat Moss Corp, Burgerdijk, Antwerp
1,049 bls, Burgerdijk, Antwerp
570 bls, Peat Import Corp, Aachen, Bremen
SOAP—110 cs, Istria, Marseilles
TALC—400 sks, Bingham & Co, Kimikawa, Kobe
ZINC OXIDE—100 bbls, Orbis Products Co, Istria, Marseilles

Norfolk Imports

BLOOD, DRIED—1,816 bgs, 89 tons, Armour & Co, Santos, Santos
BLUE, ULTRAMARINE—191 cks, 25 tons, 2 qtrs, 7 lbs, Norton & Ellis, Liberty, Hull (for Newport News, Va)
BONES—600 bgs, 29 tons, Santos, Santos
1,565 bgs, 58 tons, Santos, Buenos Aires
BONE MEAL—3,800 bgs, 172 tons, Santos, Buenos Aires
CHINA CLAY—2,797 bgs, 177 tons, English China Clay Sales Corp, Toronto City, Fowey
500 bgs, 50 tons, 17 cwt, Jno W Higman & Co, Toronto City, Fowey
112 tons, 15 cwt, English China Clay Sales Corp, Toronto City, Fowey
250 tons, 9 cwt, Moore & Munger, Toronto City, Fowey
512 tons, 9 cwt, Paper Makers Importing Co, Toronto City, Fowey
359 tons, 11 cwt, Jno W Higman & Co, Toronto City, Fowey
CLAY, BALL—149 tons, 1 cwt, Paper Makers Importing Co, Toronto City, Fowey
BLUE, COMMON—120 tons, Moore & Munger, Toronto City, Fowey
LEATHER, WASTE—723 bgs, 18 tons, 15 cwt, Smith Rowland Co, Liberty, Hull

Philadelphia Imports

ACID, CRESYLIC—87 dms, Manchester Division, Manchester
ASBESTOS, CRUDE—2,668 bgs, Raw Asbestos Dist, West Isleta, Beira
BAUXITE—2,500 tons, J W Hampton, Jr, & Co, Bennestvet, Georgetown
BONE MEAL—1,109 bgs, Mormacsul, Buenos Aires
CALCIUM SILICIDE—168 bbls, Philadelphia National Bank, Tampa, Hurum
CHALK—5,050 tons, Southwark Mfg Co, Baron Nairn, London
CHROME ORE—1,000 tons, Bank of Athens, Exermont, Aghia Marina
5,850 tons, Electric Metallurgical Co, Goslar, Pangoumene
CLAY, BEBITZER—60,000 kilos, Challenge, Hamburg
FIRE—165,000 kilos, Challenge, Hamburg
TILE—80,000 kilos, Challenge, Hamburg
COALTAR DISTILLATE—15 dms, Monsanto Chemical Co, Manchester Division, Manchester
COCOA BEANS—12,000 bgs, Nieschlag & Co, Otto Petersen, Ilheos
5,000 bgs, National City Bank, Otto Petersen, Ilheos
3,000 bgs, Chase National Bank, Otto Petersen, Ilheos
6,000 bgs, Bankers Trust Co, Otto Petersen, Ilheos
5,500 bgs, Guaranty Trust Co, Otto Petersen, Ilheos
2,726 bgs, Balfour, Guthrie & Co, New Brooklyn, Sapelle
2,081 bgs, Balfour, Guthrie & Co, New Brooklyn, Koko
5,367 bgs, Balfour, Guthrie & Co, New Brooklyn, Lagos
2,797 bgs, Superintendence Co, New Brooklyn, Lagos
851 bgs, New Brooklyn, Lagos
1,761 bgs, New Brooklyn, Addah
800 bgs, Bankers Trust Co, New Brooklyn, Accra
4,800 bgs, New Brooklyn, Accra
800 bgs, Barclay's Bank, New Brooklyn, Accra
9,889 bgs, Balfour, Guthrie & Co, New Brooklyn, Accra
3,211 bgs, Balfour, Guthrie & Co, New Brooklyn, Winnebah
400 bgs, Superintendence Co, New Brooklyn, Winnebah
960 bgs, New Brooklyn, Winnebah
632 bgs, New Brooklyn, Saltpond
2,000 bgs, Balfour, Guthrie & Co, New Brooklyn, Saltpond
2,800 bgs, Balfour, Guthrie & Co, New Brooklyn, Cape Coast
1,700 bgs, Balfour, Guthrie & Co, New Brooklyn, Takoradi
2,800 bgs, Banque Canadianne Nationale, West Kebar, Accra
1,428 bgs, Afram Trading Corp, West Kebar, Lagos
3,177 bbls, Balfour, Guthrie & Co, West Kebar, Lagos
14,080 bgs, Balfour, Guthrie & Co, West Kebar, Accra
7,300 bgs, Bankers Trust Co, West Kebar, Accra
7,300 bgs, Banque Canadianne Nationale, West Kebar, Accra
400 bgs, Frame & Co, West Kebar, Accra
800 bgs, Gill & Duffus, West Kebar, Accra
2,800 bgs, Balfour, Guthrie & Co, West Kebar, Winnebah
1,920 bgs, Balfour, Guthrie & Co, West Kebar, Saltpond
3,200 bgs, Balfour, Guthrie & Co, West Kebar, Takoradi
8,500 bgs, Clement, Bahia
CORK, WASTE—1,909 bls, Armstrong Cork Co, Ingria, Toulon
4,872 bls, Armstrong Cork Co, Ingria, Toulon
CRYOLITE—3,150 tons, Pennsylvania Salt Mfg Co, Borgfeed, Ivigtut
CUTTLEFISH BONES—100 cs, Ingria, Marseilles
100 cs, Independence Hall, Bordeaux
FLAXSEED—500 tons, Louis Dreyfus & Co, Mormacsul, Buenos Aires
GINGER ROOT—96 bgs, Superintendence Co, West Kebar, Freetown
GRAPHITE—10 dms, Alex Murphy, Manchester Division, Manchester
GYPSUM, CRUDE—6,200 tons, U S Gypsum Co, Gypsum King, Windsor
ILMENITE SAND—2,920 bgs, City of Bagdad, Cochin
MAGNESITE, DEAD BURNT—6,155 bgs, Kuznetz Lesov, Leningrad
MANGANESE ORE—1,000.05 tons, W R Grace & Co, City of Bagdad, Mormagao
NAPHTHALENE — 414 bgs, F R Bertrand, Challenge, London
OCHRE—10 csks, Ingria, Marseilles
OIL, OITICICA—25 dms, Clement, Ceara
OLIVE—50 dms, Exermont, Piraeus
860 cs, Fernlane, Leghorn
OLIVE SULPHUR—107 dms, Ingria, Lisbon
PALM—1,037 tons, Van Leuwan Bombkamp, Kota Pinang, Delawan Deli
OIL, PALM—60 dms, Balfour, Guthrie & Co, New Brooklyn, Abonema
591 tons, 14 cwt, 3 qrs, 21 lbs, 1 cs, Balfour Guthrie & Co, West Kebar, Matadi
RICE BRAN—388 tons, Fells & Co, Agapenor, Glasgow
OXIDE, RED—382 bbls, F B Vandegrift & Co, Excello, Malaga
PEATMOSS—850 bls, Peat Import Co, Quaker City, Bremen
PETROLEUM, CRUDE—71,715 bbls, Gulf Oil Corp, Mirlo, Las Piedras
107,632 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
109,508 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
POTASH SULPHATE—1,600 bgs, N V Potash Export Mij, Challenge, Hamburg
PYRITES ORE—7,500 tons, Asbjorn, Brittania Beach
7,500 tons, Zannia L Cambanis, Brittania Beach
RAPESEED—400 bgs, First National Bank, Excello, Constanza
SHELLAC—400 bgs, Bank of London & South America, City of Bagdad, Calcutta
900 bgs, Bank of London and South America, City of Manila, Calcutta
550 bgs, Grace National Bank, City of Manila, Calcutta
SOAP—1 dm, N Sneidman, Quaker City, Hull
TALC—300 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
100 bgs, Chas Mathieu, Fernlane, Genoa
TANKAGE—907 bgs, Armour & Co, Mormacsul, Santos
1,736 bgs, Swift & Co, Astri, Montevideo
TAPIOCA FLOUR—547 bgs, National City Bank, Kota Pinang, Sourabaya
WATTLE BARK—2,750 bgs, West Isleta, Mombassa
1,000 bgs, Tannin Corp, West Isleta, Durban
WAX, BEES—42 bgs, Clement, Bahia
CARNAUBA—25 bgs, Philadelphia National Bank, Clement, Parnahyba
WOODFLOUR—1,500 bgs, B L Soberski, Tampa, Greaker
ZIRCONIUM ORE—535,310 kilos, Bonheur, Santos

Portland, Ore., Imports

ACID, CITRIC—40 cs, Manoa, Honolulu
CASSIA—19 bls, Silverbelle, Padang
OIL, LUBRICATING—40 dms, Holman Transfer Co, Dinteldijk, London
PARAFFIN—1,600 sks, Shell Oil Co, Silverbelle, Balikpapan
PEANUTS, SHELLED—250 sks, Mitsui & Co, Silverbelle, Manila
SODA CHLORATE—300 dms, Tacoma, Hamburg
CYANIDE—200 dms, American Cyanamid & Chemical Corp, Dinteldijk, Rotterdam

San Francisco Imports

ACID, CRESYLIC—25 dms, Pacific Reliance, Manchester
ALKALI—5 cs, Kwong Yick, President Pierce, Hongkong
AMMONIA CARBONATE—15 cs, Cordillera, Glasgow
BLEACHING POWDER—168 dms, Cordillera, Liverpool
BONES—125 sks, Baja California, San Jose del Cabo
BRISTLES—113 cs, S Hirshenhorn & Sons, President Pierce, Tientsin
56 cs, F H Cone & Co, President Pierce, Shanghai
55 cs, A M Capen's Sons, President Pierce, Tientsin
170 cs, B C Ritchie, President Pierce, Tientsin
100 cs, N Wagman, President Pierce, Tientsin
75 cs, President Pierce, Hongkong
50 cs, Kane Import Co, President Pierce, Tientsin
55 cs, Guaranty Trust Co of N Y, President Pierce, Tientsin
55 cs, Haroco Co, President Pierce, Tientsin
50 cs, President Pierce, Tientsin
10 cs, Robert Schwarz, President Pierce, Tientsin
110 cs, F H Cone & Co, President Pierce, Tientsin
CALCIUM TARTRATE—744 sks, American Cream Tartar Co, Montreal, Valparaiso
CAMPHOR, REFD—10 cs, H M Newhall & Co, Kamakura, Kobe
CASSIA—100 bls, S L Jones & Co, Delhi, Hongkong
50 bls, Wah Young Co, Delhi, Hongkong
200 bls, S L Jones & Co, President Pierce, Hongkong
220 bls, Wah Young Co, Delhi, Hongkong
CHEMICALS—169 csks, Advance Solvents & Chemical Corpn, Laurits Swenson, Oslo
CHILLIES—25 sks, H M Newhall & Co, Tosei, Kobe
CHINA CLAY—160 tons, Balfour, Guthrie & Co, Wyoming, Antwerp (for Oakland)
COCOA BEANS—45 sks, Thor I, Apia
COCONUT, DESIC—4,060 pkgs, J E Lowden, President Pierce, Manila
800 cs, Balfour, Guthrie & Co, President Pierce, Manila
7,924 pkgs, General Foods Sales Corpn, President Pierce, Manila
1,400 cs, Wood & Selick, President Pierce, Manila
348 cs, M S Cowen Co, President Pierce, Manila
COPRA—1,185 tons, El Dorado Oil Works, Delhi, Cebu
500 tons, El Dorado Oil Works, Delhi, Siain
516 tons, El Dorado Oil Works, Delhi, Masbate (for Oakland)
700 tons, El Dorado Oil Works, Delhi, Gasan
3,746 sks, Mariposa, Pago Pago
DEGRAS—3 dms, Cordillera, Liverpool
DENTRIFICE—5 cs, North American Mercantile Co, Tosei, Yokohama
ENAMEL, BOILER—10 bbls, Cordillera, Liverpool
GINGER ROOT—243 pkgs, President Pierce, Hongkong
GUM, KAURI—10 sks, Mariposa, Suva
HERBS, DRIED—2 cs, Suey Chong Co, President Pierce, Hongkong
INK—5 cs, Kwong Yick, President Pierce, Hongkong
INSECTICIDE—2 cs, Murakawa Co, Tosei, Kobe
IRON ORE, POWD—159 csks, Kamakura, Dairen
OXIDE, RED—20 dms, Richard Coulston, Cordillera, Liverpool
ISINGLASS—10 cs, S Ishimitsu Co, Kamakura, Kobe
MEDICINAL PREPS—1 cs, Fung Chung, President Pierce, Hongkong
4 cs, Quong Lee & Co, President Pierce, Hongkong
1 cs, Yee Wo & Co, President Pierce, Hongkong
6 cs, Kwong Kee Chan, President Pierce, Hongkong
1 cs, Wo Kee Co, President Pierce, Hongkong
29 pkgs, Chan Ning Tong, President Pierce, Hongkong
67 pkgs, Tai Fung Wo, President Pierce, Hongkong
4 cs, Kwong Yick, President Pierce, Hongkong
OCHER—60 sks, Reichard-Coulston, Leme, Marseilles
OIL, CODLIVER—55 dms, Laurits Swenson, Oslo
CREOSOTE—25 dms, Pacific Reliance, Manchester
OLIVE—80 dms, Leme, Leghorn
150 dms, Leme, Genoa
25 bbls, G Granucci & Sons, President Harrison, Marseilles
PALM, REFD—10 dms, Canadian Bank of Commerce, Cordillera, Liverpool
PEANUT—50 cs, Fung Chong, President Pierce, Hongkong
190 cs, Hing Wah Tai Co, President Pierce, Hongkong
180 cs, Kwong Kee Chan, President Pierce, Hongkong
TEASEED—100 dms, Leghorn Trading Co, President Pierce, Shanghai
PAINT—43 cs, Laurits Swenson, Oslo
PEANUT MEAL—3,800 sks, Tosei, Kobe
500 sks, S L Jones & Co, Tosei, Kobe
1,500 sks, Mitsubishi Shoji Kaisha, Kamakura, Tsingtao
PEANUTS, SHELLED—300 sks, S L Jones & Co, President Pierce, Manila
50 sks, M S Cowen Co, President Pierce, Manila
350 sks, El Dorado Oil Works, President Pierce, Manila
PEATMOSS—900 bls, Pacific, Gothenburg
RAPESEED—375 sks, A G Dunn, Tosei, Yokohama
RICE BRAN—4,639 sks, R J Roesling & Co, Hidalgo, Guaymas
2,728 sks, R J Roesling & Co, Hidalgo, Guaymas (for Oakland)
SAGE LEAVES—25 bls, Leme, Trieste
SESAME SEED—118 sks, D Hecht & Co, President Pierce, Hongkong
SOAP—14 cs, Swedish Imports & Exports Co, Pacific, Stockholm
TOILET—1 cs, J de la Rama, President Pierce, Manila
SPIEGELEISEN—300 tons and 29 bbls, Electric-Metallurgical Co, Laurits Swenson, Oslo
STARCH—100 cs, Fung Chong, President Pierce, Hongkong
50 cs, Ying Fat Lung, President Pierce, Hongkong
STARCH — 50 cs, Suey Chong Co, President Pierce, Hongkong
TALLOW—100 dms, Anglo-California National Bank, Mariposa, Melbourne
TAR—125 dms, C J Hendry Co, Cordillera, Glasgow
TOILET PREPS—2 cs, J de la Rama, President Pierce, Manila
1 cs, Chew Chong Tai, President Pierce, Hongkong
1 cs, North American Mercantile Co, Tosei, Yokohama
TONGA, VINE—9 sks, Burns, Philp Co, Thor I, Levuka
BARK—10 sks, Burns, Philp Co, Thor I, Levuka
BARK AND VINE—45 sks, Mariposa, Suva
WAX, VEGETABLE—20 cs, M S Cowen Co, Tosei, Kobe
WOODFLOUR—1,500 sks, B L Soberski, Laurits Swenson, Oslo (for Oakland)

Savannah Imports

SAGO FLOUR — 1,177 bgs, Penrith Castle, Singapore

Seattle Imports

BONE MEAL—10,000 sks, Bank of California, Dinteldijk, Rotterdam
CORK FLOATS—57 bls, Linen Thread Co, Dinteldijk, London
OIL, LUBRICATING—70 dms, S A Marsily, Tacoma, Antwerp
SUPERPHOSPHATE — 3,584 sks, Bank of California, Dinteldijk, Rotterdam
TAPIOCA FLOUR—336 sks, American Trust Co, Silverbelle, Sourabaya

Tacoma Imports

OIL, OLIVE—25 dms, Leme, Genoa
PEATMOSS—300 bls, Premier Peat Moss Corp, Tacoma, Hamburg
POTASH CHLARATE—300 dms, C W Campbell Co, Wyoming, Havre

Exports from U.S. Ports

New York Exports

Clearance Dates

Ancon, August 3; Aquitania, August 16; Atlantida, August 11; Banaderos, August 9; Bergensfjord, August 15; Black Falcon, August 12; Black Gull, August 8; Black Heron, August 15; Bremen, August 11; Caraibe, August 11; City of Worcester, August 7; Cypria, August 9; Deutschland, August 16; Emile Francqui, August 9; Exhibitor, August 10; Georgic, August 5; Hansa, August 9; Ile de France, August 8; Lancastria, August 12; Lutz, August 16; Malayan Prince, August 9; Marna, July 28; Mercier, August 16; Montreal City, August 4; Mormacstar, August 3; New York, August 2; Northern Prince, August 4; Oriente, August 4; Panuco, August 11; Pipestone County, August 5; Queen Mary, August 9; Reichenfels, August 9; Rydboholm, August 11; San Jacinto, August 5; Santa Elena, August 11; Santa Maria, August 11; Santa Paula, August 3; Silverteak, August 4; Steel Seafarer, August 12; Talamanca, August 5; Transylvania, August 8; Veragua, August 9

ACETONE—30,990 lbs, Black Falcon, Antwerp
ACID, BORIC—4,000 lbs, Mormacstar, Rio de Janeiro
HYDROCYANIC — 1,808 lbs, Reichenfels, Basrah
MALEIC—498 lbs, Aquitania, Southampton
MURIATIC—22,515 lbs, Ancon, Barranquilla; 3,860 lbs, Veragua, Kingston
NITRIC—210 lbs, Veragua, Barranquilla
SALICYLIC—1,049 lbs, Talamanca, Havana
ALUMINA OXIDE—3,000 lbs, New York, Hamburg
SULPHATE—11,120 lbs, Santa Elena, Barranquilla
AMMONIA SULPHATE—30,536 lbs, Banaderos, Para
ASPHALT—13,783 lbs, Mormacstar, Santos; 37,215 lbs, Silverteak, Calcutta; (San Jacinto) 784,289 lbs, San Juan; 125,658 lbs, Arroyo; 264,782 lbs, Ponce; 19,990 lbs, Pipestone County, Dunkirk; 40,363 lbs, Deutschland, Hamburg
LIQUID—62,794 lbs, Emile Francqui, Antwerp
BARK—1,130 lbs, New York, Hamburg
BLUE, ULTRAMARINE—2,264 lbs, Panuco, Progresso
VITRIOL—101,000 lbs, Veragua, Kingston; 4,769 lbs, Marna, Callao
BORAX—10,000 lbs, Mormacstar, Rio Janeiro
CALCIUM CARBIDE—2,504 lbs, Banaderos, Pernambuco
CHLORIDE—27,460 lbs, Veragua, Barranquilla
CASEIN PASTE—1,150 lbs, Georgic, Southampton
CHEMICALS—4,828 lbs, Pipestone County, Havre; 2,559 lbs, Transylvania, Glasgow
CLAY—78,400 lbs, New York, Hamburg
COALTAR—3,153 lbs, Bergensfjord, Stavanger
INTERMEDIATE—4,929 lbs, Emile Francqui, Antwerp
4,821 lbs, Georgic, Southampton
COLOR, DRY—1,995 lbs, Black Heron, Rotterdam
CORN FLOUR—71,000 lbs, Varagua, Barranquilla; (Marna) 7,059 lbs, Buenaventura; 4,740 lbs, Guayaquil; 62,130 lbs, Callao
SUGAR—1,410 lbs, Northern Prince, Buenos Aires; 21,300 lbs, Malayan Prince, Shanghai; 4,568 lbs, Bergensfjord, Trondhjem
SYRUP—45,510 lbs, Montreal City, Bristol; 167 lbs, Marna, Buenaventura; 2,250 lbs, Santa Maria, Mollendo; 750 lbs, Malayan Prince, Manila
CREAM, TARTAR—1,240 lbs, Veragua, Barranquilla
DAMIANA LEAVES—2,111 lbs, Deutschland, Hamburg
DEXTRIN, CORN—1,136 lbs, Pipestone County, Havre
DICHLOROFLUOROMETHANE — 1,497 lbs, Black Falcon, Amsterdam
DISINFECTANT—3,005 lbs, Varagua, Paita
DYES—1,483 lbs, Mormacstar, Rio Janeiro; 12,142 lbs, Northern Prince, Buenos Aires; 36,240 lbs, Black Falcon, Antwerp
ETHYL ACETATE—2,646 lbs, Black Falcon, Antwerp
FLUID (Reichenfels) 3,300 gls, Abadan; 3,795 gls, Basrah
FERROSILICON—173,210 lbs, Steel Seafarer, Haiphong
GASOLINE—20,000 gls, Mormacstar, Montevideo; 27,315 gls, Cypria, Lisbon
GLUCOSE, SOLID—(City of Worcester)—3,640 lbs, Capetown; 2,820 lbs, Port Elizabeth; 18,330 lbs, Durban
GLUE—7,022 lbs, Caraibe, Havre
GLYCERIN—4,368 lbs, Talamanca, Havana
GRAPHITE, POWD—36,616 lbs, Bremen, Bremen
GREASE, LUBRICATING—2,215 lbs, Montreal City, Cardiff; 2,020 lbs, Ancon, Amapala (Mormacstar) 2,476 lbs, Rio Janeiro; 6,317 lbs, Buenos Aires; 44,782 lbs, Talamanca, Havana; (Exhibitor) 4,846 lbs, Piraeus; 4,962 lbs, Istanbul; (Cypria) 3,051 lbs, Loanda; 4,265 lbs, Marseilles; 67,647 lbs, Hansa, Hamburg; (Pipestone County) 11,338 lbs, Havre; 2,277 lbs, Dunkirk; 1,275 lbs, City of Worcester, Durban; 3,278 lbs, Black Gull, Rotterdam; 8,866 lbs, Transylvania, Glasgow; 31,599 lbs, Emile Franqui, Antwerp; (Rydboholm) 3,524 lbs, Malmo; 6,726 lbs, Stockholm; 4,622 lbs, Helsingfors; 64,730 lbs, Georgic, Southampton; (Malayan Prince) 30,165 lbs, Manila; 36,886 lbs, Shanghai; (Reichenfels) 44,618 lbs, Abadan; 1,812 lbs, Baghdad; 1,834 lbs Lutz, Santa Cruz del Sur; 78,012 lbs, Steel Seafarer, Saigon; 2,515 lbs, Aquitania, Plymouth; 6,883 lbs, Bergensfjord, Oslo; 18,170 lbs, Mercier, Antwerp; 8,241 lbs, Deutschland, Hamburg
GUM, BASE—12,564 lbs, Mercier, Antwerp
TRAGACANTH—4,385 lbs, Black Falcon, Antwerp
HYDROGEN PEROXIDE—7,033 lbs, Marna, Buenaventura
INK, PRINTING—66,683 lbs, Mormacstar, Buenos Aires; 10,122 lbs, Marna, Guayaquil
INSECTICIDE—7,900 lbs, Reichenfels, Baghdad
HOUSEHOLD—9,658 lbs, Bergensfjord, Oslo
ISOPROPYL ACETATE—43,100 lbs, Pipestone County, Havre
KEROSENE—(Malayan Prince) 82,500 gls, Manila; 82,500 gls, Cebu
LACQUER—1,565 lbs, Mormacstar, Rio Janeiro; 963 lbs, Bergensfjord, Stavanger
THINNER—2,750 gls, City of Worcester, Capetown; 1,375 gls, Marna, Coquimbo
LARD—(Montreal City) 211,250 lbs, Bristol; 121,925 lbs, Cardiff; 87,750 lbs, Bristol; 164,000 lbs, Swansea; 26,000 lbs, Santa Paula, La Guaira; 50,400 lbs, Talamanca, Havana; (San Jacinto) 10,000 lbs, San Juan; 12,000 lbs, Mayaquez; 31,000 lbs, New York, Hamburg; 6,450 lbs, Queen Mary, Southampton; 54,450 lbs, Georgic, Southampton; 13,800 lbs, Lutz, Manzanillo; (Santa Elena) 8,000 lbs, Barranquilla; 12,000 lbs, La Guaira; 39,168 lbs, Marna, Buenaventura; 69,675 lbs, Black Falcon, Antwerp
LEAD ARSENATE—44,815 lbs, Northern Prince, Buenos Aires
WHITE—13,270 lbs, Mormacstar, Buenos Aires
LINSEED CAKE—3,510,901 lbs, Black Falcon, Antwerp
LITHARGE—25,454 lbs, Mormacstar, Buenos Aires
METHYLAMYL KETONE—4,936 lbs, Pipestone County, Havre
MONOETHANOLAMINE — 12,264 lbs, Black Falcon, Antwerp
NAPHTHA—41,250 gls, Cypria, Horta; 600 gls, City of Worcester, Durban
OIL, CAMPHOR—1,656 lbs, Black Falcon, Antwerp
CASTOR—300 lbs, San Jacinto, Aguadilla; 1,072 lbs, Malayan Prince, Manila; 509 lbs, Bergensfjord, Stavanger
CORN—14,880 lbs, Santa Paula, Curacao; 2,250 lbs, Santa Elena, Aruba
EDIBLE—5,000 lbs, Talamanca, Limon; 5,594 lbs, Marna, Buenaventura
LUBRICATING—18,900 gls, Montreal City, Cardiff; 2,750 gls, Northern Prince, Pernambuco; (Santa Paula) 2,475 gls, Maracaibo; 7,015 gls, Porto Cabello; 2,970 gls, Barranquilla; (Mormacstar) 16,350 gls, Rio de Janeiro; 7,632 gls, Paranagua; 3,234 gls, Florianopolis; 2,970 gls, Montevideo; 4,290 gls, San Jacinto, San Juan; 4,400 gls, Bremen, Orsoy; (Exhibitor) 8,700 gls, Piraeus; 27,225 gls, Istanbul; (Cypria) 4,410 gls, Lisbon; 3,025 gls, Loanda; 4,345 gls, Casablanca; 9,156 gls, Marseilles; (Hansa) 1,430 gls, Hamburg; 11,000 gls, Oslo; 630 gls, Pipestone County, Dunkirk; (City of Worcester) 7,220 gls, Durban; 275 gls, Beira; 750 gls, Lourenco Marques; 4,365 gls, Banaderos, Bahia; (Yamabiko) 450 gls, Pernambuco; 2,035 gls, Montevideo; (Black Gull) 10,191 gls, Rotterdam; 756 gls, Amsterdam; 15,960 gls, Transylvania, Glasgow; (Rydboholm) 11,935 gls, Gothenburg; 2,695 gls, Malmo; 15,010 gls, Stockholm; 17,930 gls, Helsingfors; 6,985 gls, Georgic, Southampton; (Malayan Prince) 5,060 gls, Shanghai; 650 gls, Hongkong; 7,157 gls, Reichenfels, Baghdad; 4,295 gls, Lutz, Santa Cruz del Sur; (Santa Elena) 2,305 gls, Maracaibo; 5,610 gls, Porto Cabello; 3,575 gls, La Guaira; 11,620 gls, Panuco, Tampico; 3,905 gls, Atlantida, Kingston; (Marna) 2,750 gls, Iquique; 4,675 gls, Antofagasta; 3,025 gls, Coquimbo; 715 gls, Valparaiso; 2,530 gls, San Antonio; 7,590 gls, Talcahuano;

OIL, LUBRICATING (Continued):—
(Santa Maria) 1,220 gls, Pimentel; 825 gls, Paita; 2,135 gls, Pisco; 1,015 gls, Buenaventura; 2,035 gls, Guayaquil; 3,410 gls, Supe; 3,025 gls, Mollendo; 5,605 gls, Antofagasta; 18,975 gls, Valparaiso; (Steel Seafarer) 129,925 gls, Haiphong; 50,650 gls, Saigon; (Bergensfjord) 5,915 gls, Trondhjem; 1,760 gls, Stavanger; 10,463 gls, Bergen; 3,300 gls, Kristiansand; 4,070 gls, Drammen; 54,960 gls, Oslo; 485 gls, Mercier, Antwerp; 17,010 gls, Black Falcon, Antwerp; 23,826 gls, Deutschland, Hamburg; 8,736 gls, Black Heron, Rotterdam

OLEO—25,671 lbs, Rydboholm, Stockholm

ORANGE—13,695 lbs, Cypria, Marseilles

PEPPERMINT—400 lbs, Deutschland, Hamburg

PINE—9,460 lbs, Marna, Coquimbo; 651 lbs, Black Falcon, Antwerp

ROSIN—5,124 lbs, Yamabiko, Rio de Janeiro

SULPHONATED—10,334 lbs, Transylvania, Glasgow

TRANSFORMER — (Bergensfjord) 440 gls, Stavanger; 2,200 gls, Oslo

PAINT — 52,503 lbs, Mormacstar, Rio de Janeiro; 13,926 lbs, Reichenfels, Haifa; 8,120 lbs, Santa Maria, Buenaventura

THINNER—550 gls, Yamabiko, Buenos Aires

PARAFFIN—62,415 lbs, Montreal City, Bristol; (Santa Paula) 45,260 lbs, Maracaibo; 70,684 lbs, Cartagena; (Mormacstar) 17,756 lbs, Rio de Janeiro; 3,199 lbs, Santos; 11,348 lbs, Hansa, Hamburg; 72,174 lbs, Emile Francqui, Antwerp; 226,115 lbs, Santa Elena, La Guaira; 30,365 lbs, Panuco, Progresso: (Santa Maria) 18,080 lbs, Pisco; 22,610 lbs, Pacasmayo; 52,853 lbs, Buenaventura; 45,212 lbs, Guayaquil; 50,175 lbs, Callao; (Bergensfjord) 2,224 lbs, Trondhjem; 11,125 lbs, Oslo

PETROLATUM, MEDICINAL—4,800 lbs, City of Worcester, Lourenco Marques

PETROLEUM, REF — 4,000 gls, Mormacstar, Montevideo; 15,000 gls, San Jacinto, San Juan

POTASH BICHROMATE—6,407 lbs, Bergensfjord, Oslo

ROSIN—2,719 lbs, Rydboholm, Gothenburg; 4,061 lbs, Georgic, Southampton

SENEGA ROOT — 1,125 lbs, Black Falcon, Amsterdam

SNAKEROOT—918 lbs, Deutschland, Hamburg

SOAP—(San Jacinto) 12,455 lbs, Aguadilla; 25,200 lbs, Mayaguez
TOILET—35,000 lbs, Bergensfjord, Oslo

SODA ASH—6,000 lbs, Ancon, Panama City; 56,696 lbs, Mormacstar, Buenos Aires; (Panuco) 14,218 lbs, Progresso; 11,305 lbs, Tampico

BENZOATE—563 lbs, Talamanca, Havana

BICARBONATE—5,050 lbs, Santa Elena, Porto Cabello

BICHROMATE—6,618 lbs, Panuco, Tampico; 4,851 lbs, Marna, Valparaiso

CAUSTIC—3,595 lbs, Ancon, Panama City; (Mormacstar) 125,800 lbs, Santos; 192,424 lbs, Buenos Aires; 55,604 lbs, Oriente, Havana; (Banaderos) 30,058 lbs, Para; 14,311 lbs, Maceio; 146,675 lbs, Pernambuco; 340,060 lbs, Panuco, Tampico; (Marna) 33,990 lbs, Buenaventura; 34,003 lbs, Paita; 14,308 lbs, Pisco; 75,180 lbs, Santa Maria, San Antonio

CYANIDE—113,000 lbs, Santa Paula, Cartagena; 99,112 lbs, Panuco, Tampico

PHOSPHATE—1,425 lbs, Talamanca, Havana

PHOSPHATE, TRI—18,080 lbs, Santa Elena, Barranquilla

PYROPHOSPHATE—30,118 lbs, Reichenfels, Ras Tanura

SILICATE—1,650 lbs, Veragua, Belize

SULPHATE—11,104 lbs, Santa Elena, Barranquilla

STARCH—2,890 lbs, Montreal City, Cardiff

CORN—1,288 lbs, Santa Paula, Curacao; 2,925 lbs, Lancastria, Nassau; 25,250 lbs, Rydboholm, Stockholm; 902 lbs, Malayan Prince, Manila; (Lutz) 3,000 lbs, Caibarien; 3,000 lbs, Cienfuegos; 2,000 lbs, Manzanillo; 7,050 lbs, Bergensfjord, Trondhjem

TANNING EXTRACT—11,104 lbs, City of Worcester, Port Elizabeth

TITANIUM EXTRACT—660 lbs, Mormacstar, Rio Janeiro

TOLUOL—1,375 gls, Mormacstar, Buenos Aires

TURPENTINE—300 gls, Silverteak, Rangoon; 2,500 gls, Yamabiko, Buenos Aires

VARNISH—2,720 lbs, Cypria, Lisbon; 4,954 lbs, Marna, Buenaventura; 3,302 lbs, Bergensfjord, Bergen

WITCH HAZEL EXTRACT—7,440 lbs, Montreal City, Bristol

ZINC OXIDE—43,892 lbs, Pipestone County, Havre

SULPHATE—35,475 lbs, Mormacstar, Buenos Aires

Baltimore Exports

Clearance Dates

Gansfjord, August 16; Lehigh, August 9; Marwarri, August 11; McKeesport, August 10; Oriskany, August 9; Scanyork, August 5; Schodack, August 12; Sheridan, August 14; Sorholt, August 14; Svaneholm, August 14

ASPHALT, SOLID—434,154 lbs, McKeesport, Liverpool

BLUE VITRIOL—20,000 lbs, Oriskany, St Marc; (Gansfjord) 400,000 lbs, Tela; 700,000 lbs, Barrios

CLEANER, DRY—972 lbs, Lehigh, London

GLASS FRIT CRSHD—10,400 lbs, McKeesport, Birmingham

GREASE, LUBRIC—810 lbs, Scanyork, Copenhagen; 1,250 lbs, Lehigh, Dundee

INSECTICIDE—990 lbs, Lehigh, London

IRON SAND—(Svaneholm) 112,000 lbs, Gothenburg; 11,200 lbs, Norrkoeping

LIME, HYDRATED—49,750 lbs, Oriskany, St Marc; 600,000 lbs, Gansfjord, Tela

OIL, ENGINE, RED—71 bbls, Schodack, Dunkirk
LUBRICATING—106 gls, Scanyork, Copenhagen; 125 bbls, Schodack, Havre
PARAFFIN—159 bbls, Lehigh, Dundee

PASSION FLOWER HERB—1,272 lbs, Schodack, Havre

POLISH—935 gls, Marwarri, London; 2,420 gls, Schodack, Havre

PORCELAIN ENAMEL FRIT — 5,495 lbs, Svaneholm, Stockholm

POTASH BICHROMATE—11,200 lbs, McKeesport, Manchester

QUERCITRON BARK—52 tons, Schodack, Havre

RUTILE—13,440 lbs, McKeesport, Liverpool

SODA ASH—110,880 lbs, Sheridan, Rio Janeiro

BICHROMATE — (McKeesport) 33,600 lbs, Manchester; 56,000 lbs, Glasgow

CAUSTIC—333,144 lbs, Sorholt, Hongkong; 220,500 lbs, Sheridan, Buenos Aires

SOLDER DROSS—275,373 lbs, Lehigh, Hull

STARCH—(Svaneholm) 33,000 lbs, Gothenburg; 11,000 lbs, Oslo

TANNING EXTRACT—2,205 lbs, Svaneholm, Gothenburg

WITCH HAZEL LEAVES—846 lbs, Schodack, Havre

Beaumont Exports

Clearance Dates

Albert L Ellsworth, August 9; Ardor, August 6; British Yeoman, August 4; Fagerfjell, August 5; Invershannon, August 3; Strinda, August 5

PETROLEUM, CRUDE — 25,243 bbls, Invershannon, Trieste; 73,441 bbls, British Yeoman, Naples; 94,118 bbls, Fagerfjell, Montreal: 117,180 bbls, Strinda, Montreal; 89,589 bbls, Ardor, Naples; 93,418 bbls, Albert L Ellsworth, Montreal

Boston Exports

Clearance Dates

Abangarez, August 14; Artigas, August 8; Black Heron, August 11; Evangeline, August 14; Lady Nelson, August 12; Mathilda Thorden, August 14; Newfoundland, August 16; Peter Maersk, August 18; Saint John, August 11; Samaria, August 12; San Gil, August 11; Silversandal, August 9; Tagati, August 9; Tokai, August 18; Yarmouth, August 13

ACID, OXALIC—10 cks, 5 cs, 8,274 lbs, Abangarez, Havana

SULPHURIC—30 crbys, 5,400 lbs, Abangarez, Havana

ALUM SULPHATE—100 tons, Tagati, Brooklyn, N S

AMYL ACETATE — 2 dms, 224 lbs, Peter Maersk, Hongkong

ANIMAL DIP—25 dms, 12,568 lbs, Silversandal, Manila; 100 dms, 44,615 lbs, Peter Maersk, Manila

BAKING POWDER—50 bxs, 25 pails, 2,500 lbs, Newfoundland, St John's, N F

BLACK, LAMP—3 bxs, 180 lbs, Yarmouth, Saint John
SHOE — 1 pkg, 10 gls, Newfoundland, St John's, N F

BONECHAR, USED—1,000 bgs, 225,000 lbs, San Gil, Kingston

CEMENT, RUBBER—3 dms, 13 gls, Newfoundland, St John's, N F
SHOE—3 dms, 1,140 lbs, Newfoundland, St John's, N F

COALTAR INTERMEDIATES—1 kg, 130 lbs, Peter Maersk, Shanghai

COPPER OXIDE—1 dm, 225 lbs, Saint John, Halifax

COTTONSEED MEAL—400 bgs, 40,000 lbs, Yarmouth, Saint John

DEXTRIN—30 bgs, 3,000 lbs, Newfoundland, Bay Roberts, N F; 20 bgs, 3,000 lbs, Abangarez, Havana

DRESSING, LEATHER—3 dms, 1 crt, 171 lbs, Samaria, Capetown; 4 cans, 20 gls, Black Heron, Wiltz; 15 dms, 5,250 lbs, Tokai, Wiltz; 6 dms, 1 kg, 1 can, 364 lbs, Newfoundland, St John's, N F
SHOE—1 crtn, 4 kgs, 204 lbs, Samaria, Port Elizabeth

ERASER, LIQ—1 cs, Peter Maersk, Shanghai

FLUX—2 dms, 270 lbs, Tokai, Goteborg

GLAUBER'S SALT—100 kgs, 100 bbls, 40,000 lbs, Abangarez, Havana

GLUE, PHOTO-ENGRAVING—6 cs, 180 lbs, Black Heron, Amsterdam

GREASE, LUBRIC—6 crtns, 360 lbs, Samaria, Liverpool
SOAP—11 bbls, 2 dms, 5,655 lbs, Abangarez, Havana

GUM, METAL CAULKING—1 cs, 4 lbs, Saint John, Halifax

HERBS—40 bls, 11,061 lbs, Artigas, Hamburg

INK, MARKING—1 cs, 11 lbs, Abangarez, Havana; 1 cs, 45 lbs, Samaria, Leicester
PRINTING — 10 dms, 550 gls, Abangarez, Panama
WRITING—8 pkgs, Newfoundland, St John's, N F; 14 crtns, 280 lbs, Abangarez, Havana; (Samaria) 7 cs, Lahore; 7 cs, Madras; 7 cs, 42 bxs, Peter Maersk, Shanghai

LACQUER — 6 dms, 317 gls, Black Heron, Wiltz; 4 dms, 20 gls, Tokai, Wiltz

LINING COMPOUND—3 dms, 159 gls, Abangarez, Havana; (Artigas) 13 dms, 209 gls, Malmo; 100 dms, 500 gls, Hamburg; 50 dms, 250 gls, Goteborg; (Black Heron) 29 dms, 145 gls, Antwerp; 30 dms, 1,590 gls, Rotterdam; 14 dms, 70 gls, Amsterdam; (Tokai) 40 dms, Goteburg; 90 dms, 2,370 gls, Copenhagen; 10 dms, 530 gls, Antwerp

LUBRICANT, DRAWING — 10 dms, 50 gls, Tokai, Antwerp

MEDICINAL PREPS—2 cs, 372 lbs, Lady Nelson, Hamilton; 14 cs, 1,139 lbs, Samaria, Nottingham

MICA, GR—28 bgs, 2,240 lbs, Black Heron, Rotterdam; 45 bgs, 4,500 lbs, Samaria, Liverpool

MUCILAGE — 6 cs, 845 lbs, Peter Maersk, Shanghai; 1 cs, 84 lbs, Samaria, Madras; 5 pkgs, Newfoundland, St John's, N F; 2 cs, 6 crtns, 220 lbs, Abangarez, Havana

OIL, FLAVORING COMP—3 cs, 300 lbs, Evangeline, Lockeport, N S
LUBRICATING—1 bbl, 30 gls, Samaria, Littleborough; (Newfoundland) 1 bx, 40 lbs, St John's, N F; 4 dms, 216 gls, Halifax; 6 cs, 145 gls, Samaria, Liverpool
OLIVE—1 dm, 50 gls, Samaria, Leicester

TANNING—4 bbls, 1,622 lbs, Samaria, London

PAINT—5 crtns, 20 gls, Newfoundland, St Jhn's, N F; 4 pails, 300 lbs, Saint John, Truro, N S

PASTE, ADHESIVE — 2 cs, 595 lbs, Peter Maersk, Shanghai; (Black Heron) 70 dms, 3,520 lbs, Antwerp; 1 crtn, 10 lbs, Newfoundland, St John's, N F

LIBRARY—2 cs, 80 lbs, Abangarez, Havana
LIQUID—1 cs, 128 lbs, Samaria, Madras

PETROLEUM—6 dms, 332 gls, Newfoundland, Halifax

GAS, LIQ—2 cylinders, 42 lbs, Saint John, Halifax

PHENOL—(Black Heron) 24 dms, 10,800 lbs, Antwerp; 49 dms, 22,050 lbs, Rotterdam; (Tokai) 284 dms, 88,900 lbs, Antwerp; 74 dms, 33,300 lbs, Hamburg

POLISH — 10 crtns, 320 lbs, Lady Nelson, Bridgetown; 57 cs, Abangarez, Havana; 1 cs, 41 lbs, Artigas, London Bridge

PUTTY—1 cs, 135 lbs, Saint John, Halifax

SOAP—1 cs, 46½ lbs, Samaria, Liverpool

SODA SULPHIDE—22 dms, 11,398 lbs, Abangarez, Havana

TURPENTINE, GUM—5 dms, 1,060 lbs, Yarmouth, Moncton; 2 dms, 114 gls, Newfoundland, Kentville

VARNISH—10 cs, 86 gls, Newfoundland, St John's, N F

WATERPROOFING LIQ — 5 crtns, 120 lbs, Lady Nelson, Bermuda

WAX, FLOOR—1 pkg, 6 lbs, Artigas, Hamburg; 10 dms, 4,500 lbs, Mathilda Thorden, Helsingfors
SHOE — 1 crtn, 50 lbs, Newfoundland, St John's, N F; 1 cs, 20 gls, Black Heron, Zurich

Galveston Exports

Clearance Dates

Boschdijk, August 9; City of Joliet, August 15; Emile Miguet, August 10; Francis R Hart, August 12; Margaret Lykes, August 12; Schwanheim, August 10; Topeka, August 12

ASPHALT, GILSONITE — 20 tons, Schwanheim, Bremen

MOLYBDENITE CONC—(Boschdijk) 174 tons, London; 30 tons, Antwerp; 445 tons, Rotterdam

OIL, DIESEL—30 tons, Emile Miguet, Havre

FUEL—450 tons, Emile Miguet, Havre

GAS—10,400 tons, Francis R Hart, Curacao

PETROLEUM, CRUDE — 2,200 tons, Emile Miguet, Havre

POTASH—224 tons, Margeret Lykes, Cristobal

SULPHUR — (Boschdijk) 25 tons, London; 30 tons, Rotterdam; 18 bgs, Margeret Lykes, Cristobal; (Topeka) 25 tons, Oslo; 20 tons, Gotherburg; 15 tons, Copenhagen; 5 tons, City of Joliet, Antwerp

Houston Exports

Clearance Dates

Alabama, August 9; Boschdijk, August 7; Dromus, August 12; Emile Miguet, August 8; Maria, August 10; Margaret Lykes, August 10; Max Albrecht, August 5; Mevania, August 11; Murena, August 10; Nord Atlantic, August 7; Planter, August 11; Raila, August 7; Seirstad, August 5; Topeka, August 10

BLACK, CARBON —(Boschdyk) 158 tons, London, 30 tons, Rotterdam; (Topeka) 208 cs, Gothenburg; 70 pkgs, Copenhagen; 218 cs, Gydnia; (Maria) 6,612 bgs, Venice; 1,009 bgs, 150 cs, Trieste/Venice; (Planter) 21,620 pkgs, Liverpool; 5,390 bgs, Manchester

CLAY—51 tons, Margaret Lykes, Cartagena

GASOLINE—47,517 bbls, Seirstad, United Kingdom; 38,776 bbls, Nord Aslantic, Hamburg; Mevania) 49,000 bbls, San Juan; 11,700 bbls, Mayaguez; 11,800 bbls, Ponce; 11,300 tons, Dromus, United Kingdom

NATURAL—63,473 bbls, Raila, Montreal

GREASE, LUBRIC—60 bbls, Planter, Liverpool

OIL—200 tons, Margaret Lykes, Cristobal

FUEL—21,000 bbls, Alabama, San Juan

GAS—62,152 bbls Max Albrecht, Germany; (Mevania) 2,500 bbls, San Juan; 5,000 bbls, Ponce

PETROLEUM, CRUDE—20,000 tons, Emile Miguet, Havre; 11,830 tons, Murena, Montreal

PRODUCTS—348 pkgs, Topeka, Copenhagen

Los Angeles Exports

Clearance Dates

Albertolite, August 11; Argyll, August 10; Baja California, August 7; California Standard, August 7; City of Lille, August 9; City of San Francisco, August 7; Ehrling Brovig, August 14; Erria, August 12; Este, August 11; Griffco, August 12; Inge Maersk, August 4; Ivaran, August 9; Kaizyo, August 11; Kingsley, August 9; Kokuyo, August 9; Lackian, August 5; Limerick, August 9; Lochavon, August 9; Margrethe Bakke, August 12; Marinosa, August 7; Nitiei, August 7; Obioan, August 7; Pacific Exporter, August 4; Pat Doheny, August 9; President Pierce, August 7; Rakuyo, August 3; Salacia, August 9; Santa Maria, August 12; Seattle, August 9; Spencer Kellogg, August 10; Sylvan Arrow, August 7; Taranger, August 14; Tatekawa, August 10; Thorshavn, August 12; Toa, August 7; Toei, August 1; Toho, August 4; Tosei, August 11; Velma, August 11; W H Berg, August 10; Yamagiri, August 6

ACETONE—336 dms, 111,850 lbs, Pacific Exporter, Liverpool; (Limerick) 28 dms, 10,030 lbs, Wellington; 12 dms, 4,300 lbs, Melbourne

ACID, BORIC—200 bgs, 22,400 lbs, Pacific Exporter, Manchester; 300 bgs, 33,600 lbs, Salacia, Glasgow
CITRIC—1,120 lbs, City of Lille, Manila
CRESYLIC—2,500 lbs, City of Lille, Hongkong

ALCOHOL, ANHYD—3 dms, 1,070 lbs, Limerick, Wellington
BUTYL—2 dms, 740 lbs, Lochavon, Calgary; 20 dms, 7,380 lbs, Limerick, Wellington

ASPHALT—500 dms, 224,000 lbs, Mariposa, Auckland
LIQUID—75 pkgs, 4,720 lbs, President Pierce, Shanghai

AWA ROOT—67 bgs, 3,790 lbs, Seattle, Hamburg

BORATE—730 bgs, 134,770 lbs, Erria, Copenhagen

BORAX—4,000 bgs, 448,000 lbs, Margrethe Bakke, Cardiff; 1,440 bgs, 168,000 lbs, Pacific Exporter, Manchester; 25 cs, 2,800 lbs, Baja California, Mazatlan; 920 bgs, 112,000 lbs, Salacia, Glasgow; 37 pkgs, 7,670 lbs, Ivaran, Manila; (Limerick) 310 bgs, 146,900 lbs, Auckland; 270 bgs, 30,240 lbs, Wellington; 80 bgs, 8,960 lbs, Napier; 360 bgs, 40,320 lbs, Lyttelton; 240 bgs, 26,880 lbs, Melbourne; 1,000 bgs, 112,000 lbs, Erria, Hull; 2,140 bgs, 239,680 lbs, Este, Antwerp
CRUDE—47,700 lbs, Rakuyo, Osaka

CALCIUM ARSENATE—500 dms, 55,000 lbs, Baja California, Topolobampo

CLAY, FILTER—100 sx, 5,000 lbs, Kingsley, Vancouver; 40 sx, 2,000 lbs, Limerick, Christchurch
GROUND—100 bgs, 10,000 lbs, Taranger, Havre

COALTAR—5 dms, 2,500 lbs, Baja California, Mazatlan

COLOR, DRY—110 lbs, Kingsley, Victoria; 550 lbs, Limerick, Wellington

COTTON LINTERS—400 bls, 194,880 lbs, Pacific Exporter, Manchester

DIATOMACEOUS EARTH—(Margrethe Bakke) 673 bgs, 67,240 lbs, Manchester; 22 bgs, 2,200 lbs, Glasgow; 238 bgs, 24,080 lbs, Pacific Exporter, London; (Salacia) 394 bgs, 38,560 lbs, London; 560 bgs, 56,000 lbs, Glasgow; (Yamagiri) 200 bgs, 20,000 lbs, Santos; 22 bgs, 2,200 lbs, Buenos Aires; (Limerick) 1,469 bgs, 146,900 lbs, Auckland; 55 bgs, 5,500 lbs, Wellington; 70 bgs, 7,000 lbs, Lyttelton; 358 bgs, 35,800 lbs, Melbourne; 336 bgs, 33,600 lbs, Fremantle; 1,211 bgs, 121,100 lbs, Taranger, Havre; 313 bgs, 31,300 lbs, Erria, Copenhagen

ETHYL KETONE—354 dms, 123,150 lbs, Pacific Exporter, London

FILM SCRAP—4,380 lbs, Salacia, London

GASOLINE—21 dms, 1,090 lbs, Griffco, Santa Rosalia; 5,028 bbls, Toei, Gensan; (Inge Maersk) 55,603 bbls, London; 64,636 bbls, Hamburg; 131,953 bbls, California Standard, Avonmouth; 21,660 bbls, Santa Maria, Valparaiso; 95,493 bbls, W H Berg, Nagaevo/Vladivostok; (Limerick) 20 dms, Papeete; 180 dms, 200 cs, Rarotonga

INSECTICIDE—180 lbs, Erria, Sandefiord

KEROSENE—(Limerick) 40 dms, 14,540 lbs, Auckland; 60 dms, 21,660 lbs, Wellington

LACQUER, COLORED—470 lbs, Ivaran, Manila

OIL, DIESEL—2 dms, 110 lbs, Griffco, Santa Rosalia; 34,289 bbls, Toei, Gensan; 41,648 bbls, Nitiei, Osaka/Tsurmui; 84,258 bbls, Toa, Gensan; 9,997 bbls Sylvan Arrow, Balboa; 86,244 bbls, Tatekawa, Shimotsu; (Santa Maria) 2,511 bbls, Antofagasta; 8,807 bbls, Coquimbo; 4,998 bbls, Valparaiso; 11,035 bbls, Bolivia; 97,810 bbls, Erling Brovig, Yokohama/Onagawa; 15,045 bbls, Thorshavn, Balboa; 20,006 bbls, Velma, Arica; 5,467 bbls, Limerick, Papeete

FUEL—7,979 bbls, Kingsley, Vancouver; 73,833 bbls, Lacklan, Manila/Cebu/Mondagua; 39,280 bbls, Nitiei, Osaka/Tsurumi; 70,078 bbls, Sylvan Arrow, Balboa; 97,594 bbls, Spencer Kellogg, Manila; 18,041 bbls, Santa Maria, Balboa; 30,489 bbls, Pat Doheny, Ioco; 55,694 bbls, Thorshavn, Balboa; 63,135 bbls, Velma Toconpilla; 23,770 bbls, Argyll, Santa Rosalia; 61,093 bbls, Kokuyo, Nugata; 9,195 bbls, Limerick, Papeete

LEMON—100 cs, 5,000 lbs, Pacific Exporter, London; 50 lbs, City of Lille, Manila

LEMON, DIST—110 dms, 13,850 lbs, Pacific Exporter, London

LUBRICATING—120 dms, Yamagiri, Pernambuco; (Obioan) 10 dms, Ponce; 10 dms, Mayaguez; 200 dms, President Pierce, Shanghai; 66 pkgs, Ivaran, Manila; (Limerick) 10 dms, Melbourne; 55 dms, Adelaide

ORANGE—300 lbs, President Pierce, Manila

TUNG—696,640 lbs, Este, Hamburg

PAINT—360 lbs, Pacific Exporter, Felixstowe

MATERIALS—(Limerick) 1,140 lbs, Wellington; 500 lbs, Melbourne

PECTIN, CITROUS — (Pacific Exporter) 215 pkgs, 34,000 lbs, London; 490 lbs, Copenhagen

PETROLEUM, CRUDE—45,132 bbls, Toei, Gensan; 85,449 bbls, Toho, Tokuyama; 11,361 bbls, Santa Maria, Valparaiso; 41,712 bbls, Pat Doheny, Ioco; 65,013 bbls, Albertolite, Ioco; 33,832 bbls, Kaizyo, Akita; 20,797 bbls, Kokuyo, Nugata

GAS, LIQ—49 cyls, 1,590 lbs, Limerick, Lyttelton

RESIN, SYNTH—300 lbs, President Pierce, Honekong

ROSIN, GUM—50 dms, 28,220 lbs, Limerick, Wellington

SOAP—500 ctns, 25,000 lbs, Obioan, San Juan

LAUNDRY—56 ctns, 2,500 lbs., Erria, St Thomas
POWDER—560 lbs, President Pierce, Manila

SODA ASH—200 bgs, 44,100 lbs, Baja California, Mazatlan; (Yamagiri) 250 bgs, 55,120 lbs, Rio Janeiro; 1,764 bgs, 244,600 lbs, Sao Paulo; 1,323 bgs, 132,300 lbs, Santos; 3,674 bgs, 551,100 lbs, Buenos Aires; 1,695 bgs, 336,290 lbs, President Pierce, Shanghai

CYANIDE—4,630 lbs, City of Lille, Hongkong

SOLDERING FLUX, LIQ—1,400 lbs, Limerick, Wellington

SULPHUR—300 bgs, 15,000 lbs, Baja California, Yaveros

STEARIN, WAX—1,200 bgs, 120,000 lbs, Ivaran, Manila

TOILET PREPS—(City of San Francisco) 200 lbs, Medellin; 470 lbs, Curacao; 4,750 lbs, President Pierce, Bangkok; 890 lbs, Ivaran, Hongkong

TURPENTINE GUM — 6,340 lbs, Limerick, Wellington

WAX, BEES—23 sx, 3,970 lbs, Limerick, Christchurch

New Orleans Exports

Clearance Dates

Harboe Jensen, July 12; Hibueras, July 8; Kota Tjandi, August 3; Liberator, August 3; Louisiane, August 2; Nicaro, July 15; Oratova, July 14; Santa Marta, July 15; Sorvangen, July 21; Toloa, July 12

ASPHALT—4 tons, Louisiane, Antwerp

BAKING POWDER—2 tons, Toloa, Tela

BLACK, CARBON—(Louisiane) 13 tons, Havre; 15 tons, Dunkirk; 5 tons Liberator, Rotterdam; (Kota Tjanda) 15 cs, Penang; 95 cs, Port Swettenham; 50 cs, Singanore; 1,320 sv, 27 cs, Batavia; 10 cs, Soerabaya

CLAY, COMMON—(Louisiane) 58 tons, Bordeaux; 10 tons, Havre

CORN SYRUP—20 tons, Liberator, London

COTTONSEED MEAL—1 ton, Toloa, Tela

FERTILIZER—3 tons, Orotava, Sune

GASOLINE—(Nicarao) 70 dms, Bluefield; 100 cs, 3 dms, Puerto Castilla; 30 dms, Hibueras, Bluefields; (Harboe Jensen) 450 dms, Puerto Limon; 600 dms, Cartagena; 5 dms, Arica

GLUCOSE—5 bbls, Kota Tjandi, Soerabaya

INK—6 tons, Orotava, Valparaiso

KEROSENE—77 tons, Sorvangen, Ciudad Trujillo; 100 dms, 200 cs, Toloa, Tela; 80 cs, Nicarao, Bluefields

LARD—(Sorvangen) 21 tons, Puerto Cabello; 49 tons, La Guaira; 1,200 tins, 10 dms, Toloa, Puerto Barrios; (Harboe Jensen) 215 cs, 20 crts, 35 dms, 100 tins, Santiago; 1,350 tins, 100 cs, Cartagena; (Oroyavia) 200 tons, Colon; 150 tins, Panama; 1,000 tins, Buenaventura; 100 tins, Guayaquil; (Santa Marta) 200 tins, 350 dms, Havana; 300 tins, Guayaquil; 1,200 tins, Puerto Limon

LIME, ROCK—1 ton, Santa Marta, Bocas del Toro

OIL, FUEL—177 tons, Sorvangen, Moengo
LUBRICATING—(Louisiane) 6 tons, St Nazaire; 51 tons, Bordeaux; 69 tons, Havre; 8 tons, Dunkirk; 22 tons, Liberator, London; 11 dms, Nicarao, Bluefields; (Kota Tjandi) 20 dms, Penang; 35 dms, Batavia; 20 dms, Soerabaya; 285 bbls, Orotava, Puntarenas; 55 dms, 200 cs, Santa Marta, Havana
REFINED — 500 cs, Santa Marta, Puerto Limon

OXYGEN—3 tons, Nicarao, Puerto Castilla

PAINT—1 ton, Santa Marta, Bocas del Toro

PARAFFIN—11 tons, Orotava, Guayaquil

PETROLATUM—30 tons, Louisiane, Dunkirk

PINETAR—34 dms, Kota Tjandi, Batavia

ROSIN—25 tons, Liberator, London; 2 tons, Harboe Jensen, Santiago; (Kota Tjandi) 200 dms, Batavia; 50 dms, Cheribon; 70 dms, Semarang; 25 dms, Soerabaya; 24 dms, Palembang; (Santa Marta) 1 ton, Panama; 2 tons, Puerto Limon

SALT—4 tons, Toloa, Tela; (Santa Marta) 55 tons, Havana; 13 tons, Cristobal

SOAP—7 tons, Hibueras, Bluefields

TURPENTINE—7 tons, Santa Marta, Valparaiso

Norfolk Exports

Clearance Dates

Frank Seamans, August 14; Gansfjord, August 17; Hellen, August 18; Lehigh, August 12; Marwarri, August 14; Mceesport, August 14; Schodack, August 14

ACETONE—90 dms, 37,020 lbs, Marwarri, London; 90 dms, Lehigh, London

BENZENE—1 cs, Lehigh, London

ISOPROPYL—1 cs, Lehigh, London

BROMINE, LIQ—39 cs, 5,553 lbs, McKeesport, Manchester

BUTYL CHLORIDE—1 cs, Lehigh, London

CORN SYRUP—80 bbls, 61,379 lbs, McKeesport, Dublin

DIBENZYL—1 ctn, Lehigh, London

DICHLORMETHANE—7 dms, 4,426 lbs, McKeesport, Manchester

DRUGS—1 bl, 3 bgs, 864 lbs, Lehigh, Hamburg
EUONYMUS TREE BARK—1 bl, 244 lbs, Lehigh, Hamburg
GLYCOL ETHER ESTER—1 dm, 576 lbs, Lehigh, London
INSECTICIDE, LIQ—2 dms, 764 lbs, Frank Seamans, Point Pitre
ISOBUTYL ACETATE—14 dms, 12,568 lbs, Schodack, Havre
MICA, GRD—400 bgs, 40,000 lbs, Lehigh, London
OCHER—(Lehigh) 3,600 bgs, 577,800 lbs, Leith; 770 bgs, 124,740 lbs, Dundee
OCTYLAMINE—1 cs, Lehigh, London
PHENYLMETHYL PYRAZOLONE—1 ctn, Lehigh, London
PROPIONIC ANHYDRIDE—1 cs, Lehigh, London
PROPYLENE CHLORHYDRIN—1 cs, Lehigh, London
DIAMINE—1 cs, Lehigh, London
SERPENTARIA ROOT—3 bls, 1,037 lbs, Lehigh, Hamburg
SODA NITRATE—7,001 tons, Heilen, Aalborg; 3,000 bgs, Ganstfjord, Kingston
STARCH—(Lehigh) 1,312 bgs, 184,992 lbs, Dundee; 440 bgs, 62,260 lbs, Hull; (McKeesport) 200 bgs, 28,200 lbs, Belfast; 440 bgs, 62,040 lbs, Manchester
TANNING EXTRACT—200 bbls, 119,108 lbs, McKeesport, Manchester
TRI-ISOPROPANOLAMINE — 1 cs, Lehigh, London

Philadelphia Exports
Clearance Dates

Banaderos, August 11; Black Tern, August 14; City of Elwood, August 16; Crispin, August 11; Donald McKay, August 12; Dromore Castle, August 15; Ida, August 14; Jefferson Myers, August 14; Lehigh, August 15; Margit, August 21; Marwarri, August 16; McKeesport, August 17; Mormacmar, August 15; Nako, August 17; Noordam, August 15; Port Wellington, August 11; San Bernardino, August 17; Santa Rita, August 18; Sheridan, August 15; Temnaren, August 11; Toronto City, August 15

ABRASIVE GRAIN—137 pkgs, McKeesport, Manchester
ALCOHOL, AMYL—32 dms, Port Wellington, Rhodes
BUTYL—(Port Wellington) 6 dms, Sydney; 60 dms, Melbourne
ALUMINA SULPHATE—506 pkgs, City of Elwood, Manila
AMMONIA NITRATE—1,475 dms, Santa Rita, Antofagasta
ANTI-KNOCK COMP—(Mormacmar) 20 dms, Rio de Janeiro; 1 bx, Buenos Aires; 361 dms, Marwarri, London; 6 pkgs, McKeesport, Belfast
ASBESTOS POWDER—175 bgs, Mormacmar, Buenos Aires
ASPHALT, PETROLEUM—3 cs, Temnaren, Helsingfors
BENZOL—(Sheridan) 15 dms, Rio de Janeiro; 50 dms, Buenos Aires
BLACK, BONE—70 bgs, Temnaren, Gothenburg
BUTYL ACETATE—(Port Wellington) 12 dms, Sydney; 17 dms, Melbourne
CELLULOSE ACETATE PASTE—5 bbls, Marwarri, London
CEMENT—20 pkgs, Black Tern, Antwerp
WATERPROOFING, TILE—40 dms, 15 ctns, Donald McKay, Gothenburg
CHEMICALS—9 pkgs, McKeesport, Manchester
COLLODION COTTON—38 pkgs, Black Tern, Rotterdam; 55 bbls, Marwarri, London
DICHLORIDIFLUOROMETHANE — (Donald McKay) 40 cyls, Copenhagen; 20 cyls, Stockholm; 6 cyls, Port Wellington, Melbourne
DISINFECTANT, SEED—10 pkgs, City of Elwood, Honolulu
DYESTUFFS—150 pkgs, McKeesport, Manchester
DYEWOOD EXTRACT—20 bxs, Sheridan, Rio de Janeiro
ETHYL ACETATE—33 dms, Port Wellington, Melbourne
FLUID—(Black Tern) 8 pkgs, Rotterdam; 130 pkgs, Antwerp
FLYSPRAY CONC—2 dms, Dromore Castle, Capetown
GASOLINE—2,500 cs, 500 dms, Banaderos, Ceara; (Dromore Castle) 100 cs, Capetown; 150 cs, Port Elizabeth; 1,000 cs, Durban
GLASS, WINDOW—41 cs, Jefferson Myers, Cristobal
GREASE, LUBRIC — (Temnaren) 5 bbls, Gothenburg; 39 dms, Stockholm; 33 dms, 13 kegs, 73 pls, 14 cs, Donald McKay, Oslo; (Jefferson Myers) 25 dms, 5 cs, Guayaquil; 5 dms, Pereira; (Dromore Castle) 20 dms, 60 bkts, 19 cs, Capetown; 65 cs, 15 dms, 10 bkts, Port Elizabeth; 20 cs, 10 bkts, East London; 20 bkts, Durban; 30 bkts, Lourenco Marques; 5 dms, 50 pls, Noordam, Rotterdam; 3 pkgs, McKeesport, Liverpool; 4 dms, San Bernardino, Panama
GUM, SYNTH—766 pkgs, McKeesport, Manchester
HONEY—170 pkgs, McKeesport, Glasgow
INK, PRINTING—6 pkgs, Lehigh, Leith; 12 kits, 1 cs, Marwarri, London
INSECTICIDE—625 ctns, Dromore Castle, Capetown
KEROSENE—(Banaderos) 8,500 cs, Ceara; 2,500 cs, Natal; 4,000 cs, Bahia
LICORICE PASTE—(Black Tern) 15 pkgs, Rotterdam; 15 pkgs, Antwerp; 20 pkgs, Toronto City, Bristol; 12 cs, Mormacmar, Rio de Janeiro; 10 cs, Donald McKay, Copenhagen; 300 pkgs, Lehigh, Hull; 221 cs, 80 dms, Noordam, Rotterdam
LINSEED CAKE—5,042 pkgs, Black Tern, Antwerp; 3,452 bgs, Noordam, Rotterdam; 630 pkgs, McKeesport, Liverpool
METHYLCHLORIDE SOLUT—2 bxs, Donald McKay, Stockholm
MINERAL SPTS—39 dms, Jefferson Myers, Cristobal; (Dromore Castle) 25 bbls, Capetown; 30 bbls, East London; 50 cs, 250 bbls, Durban; 180 bbls, Lourenco Marques; 4 dms, San Bernardino, Acajutla
NAPHTHALENE—71 pkgs, City of Elwood, Honolulu
OIL, CAMPHOR—12 pkgs, McKeesport, Liverpool
ILLUMINATING—30 bxs, Jefferson Myers, Cristobal; (Dromore Castle) 600 cs, Capetown; 900 cs, Port Elizabeth; 350 cs, East London; 3,950 cs, Durban; 2,000 cs, Beira
LUBRICATING—(Banaderos) 6 pkgs, Iquitos; 75 pkgs, Maranhao; 339 pkgs, Natal; 929 pkgs, Pernambuco; 155 pkgs, Macelo; 45 pkgs, 65 bbls, 41 cs, Bahia; 35 bbls, 183 cs, Cabedello; 703 tons, Ida, Venice; (Temnaren) 30 dms, Gothenburg; 5 dms, Malmo; 75 dms, Stockholm; (Port Wellington) 40 dms, 140 pkgs, Brisbane; 110 dms, 1,193 pkgs, Sydney; 1,482 pkgs, 30 dms, 325 ctns, Melbourne; 12 pkgs, New Castle; 8 pkgs, Adelaide; 49 pkgs, Sydney & Melbourne; 400 dms, Crispin, Pernambuco; (Black Tern) 112 pkgs, Rotterdam; 15 pkgs, Antwerp; 12 pkgs, Toronto

OIL, LUBRICATING (Continued):—
City, Bristol; 125 dms, Normacmar, Buenos Aires; (Donald McKay) 31 dms, 21 half dms, 40 one-quarter dms, 47 ctns, Gothenburg; 35 bbls, Gdynia; (Jefferson Myers) 22 dms, Quito; 50 dms, Guayaquil; 113 dms, 23 half dms, 1 cs, Valparaiso; 1 cs, LaPaz; 40 dms, Paita; 26 dms, 5 qtr dms, Callao; 6 dms, 11 ctns, San Jose; 15 dms, Pereira; (Dromore Castle) 375 dms, 830 pkgs, Capetown; 490 dms, 655 pkgs, Port Elizabeth; 200 dms, 1 cs, 470 pkgs, East London; 445 dms, 1,703 pkgs, Durban; 100 cs, 260 dms, 1,948 pkgs, Lourenco Marques; 10 dms, 575 pkgs, Beira; (Lehigh) 2 pkgs, London; 10 pkgs, Hamburg; 60 dms, 1,792 bbls, Noordam, Rotterdam; 14 pkgs, Sheridan, Sao Paulo; 198 pkgs, 1 bx, Marwarri, London; 2,626 pkgs, City of Elwood, Haiphong; 1,560 tons, Atutasan, Tokuyama; (McKeesport) 65 pkgs, Liverpool; 6 pkgs, Glasgow; (Nako) 5,114 dms, Yokohama; 1,248 dms, Kobe; 1,570 dms, Moji; (San Bernardino) 8 dms, 34 cs, Panama; 2 dms, Ajuela; 10 dms, 10 ctns, Salaverry; 15 dms, Barranquilla
TANNING—4 bbls, San Bernardino, Limon
PAINT—1 cs, Temnaren, Stockholm
WATER—12 bbls, Mormacmar, Buenos Aires
PARAFIN—175 bgs, Jefferson Myers, La Plaz; 102 pkgs, Lehigh, Dundee
REFINED—400 pkgs, Black Tern, Antwerp; 15 cs, Marwarri, London
SEMI-REFINED—625 bgs, Jefferson Myers, Valparaiso
PITCH—335 pkgs, McKeesport, Manchester
PLASTER RETARDER—75 pkgs, McKeesport, Panama
POLISH—18 ctns, Jefferson Myers, Panama; 3 cs, San Bernardino, Cristobal
RESIN, SYNTH—1 pkg Black Tern, Rotterdam
SOAP, LIQ—10 dms, Margit, Havana
SODA, ASH—15 bbls, San Bernardino, San Jose
CYANIDE—15 dms, Temnaren, Stockholm
PHOSPHATE, TRI—68 pkgs, Lehigh Hull; 408 pkgs, McKeesport, Manchester
SILICATE—10 dms, Jefferson Myers, Belize; 2 dms, San Bernardino, San Jose
SOLVENTS—64 dms, Port Wellington, Sydney; 57 dms, Jefferson Myers, Cristobal
TANNING EXTRACT—7 bbls, Port Wellington, Brisbane; 7 pkgs, Lehigh, Hull
MATERIAL—8 pkgs, Port Wellington, Melbourne; 2 bbls, Mormacmar, Buenos Aires
TAPIOCA—10 pkgs, McKeesnort, Glasgow
WAX, CARNAUBA—1 bx, Banaderos, Ceara

Port Arthur Exports
Clearance Dates

Aino, August 4; Cathlamet, August 5; Hoegh Scout, August 6; Invershannon, August 6; Jotunfjell, August 6; Nord Atlantic, August 7; Nueva Granada, August 5; Solfonn August 7; South America, July 30; Spidoleine, August 5; Spreewald, August 3; Steel Age, August 9; W F Burdell, August 13

ASPHALT—25 dms, 135 bbls, Nueva Granada, Antwerp
LIQUID—(Spreewald) 10 dms, Manila; 100 dms, Cebu
PETROLEUM—8 bbls, South America, Amsterdam; (Cathlamet) 25 dms, 14 bxs, Takoradi; 4 bxs, Accra
SOLID—474 dms, Spreewald, Kobe
BENZOL—804,541 gls, Hoegh Scout, Havre
GASOLINE—31,766 bbls, South America, Amsterdam; 73,145 bbls, Aino, Malaga/Seville; (Nueva Granada) 28,461 bbls, Antwerp; 48,439 bbls, Dublin; (Cathlamet) 500 cs, St Vincent; 5,000 cs, Dakar; 1,900 cs, Bathurst; 5,000 cs. Conakry; 5,000 cs, 40 dms, Freetown; 4,200 cs, 200 dms, Port Marshall; 2,000 cs, Sassandra; 20,000 cs, 250 dms, Pourt Bouet; 2,500 cs, Winnebah; 30,000 cs, 250 dms, Accra; 1,000 cs, Lome; 3,000 cs, 200 dms, Cotonou; 400 cs, Lagos/Apapa; 2,000 cs, Sapele; 3,000 cs, Port Harcourt; 600 cs, Victoria; 5,200 cs, Duala; 3,000 cs, Kribi; 2,500 cs, 1,750 dms, Lobito; 103,779 bbls, Jotunfjell, Lands End; 10,146 bbls, Invershannon, Trieste; 45,336 bbls, Hoegh Scout, Havre; 115,965 bbls, Solfonn, Hamburg; 3,000 dms, Steel Age, Rangoon; 79,229 bbls, W F Burdell, Montreal
AVIATION—2,500 dms, Cathlamet, Dakar
GREASE, LUBRIC—390 dms, 212 ctns, 85 cs, 85 crts, South America, Amsterdam; (Spreewald) 3 cs, 10 ctns, Kobe; 442 dms, 1,575 cs, 5 ctns, Manila; 165 cs, 400 dms, Cebu; 300 dms, 63 cs, Nueva Granada, Antwerp; (Cathlamet) 65 dms, 95 cs, Dakar; 84 cs, 17 dms, Freetown; 25 cs, Sassandra; 75 cs, Port Bouet; 118 dms, 45 cs, Takoradi; 8 dms, 5 cs, Accra; 65 cs, Cotonou; 5 dms, 15 ctns, 5 crts, Lagos/Apapa; 5 cs, Port Harcourt; 10 cs, Victoria; 60 cs, Duala; 41 dms, 30 cs, Lobito
KEROSENE—13,226 bbls, South America, Amsterdam; (Nueva Granada) 2,311 bbls, Antwerp; 7,067 bbls, Dublin; (Cathlamet) 1,500 cs, St Vincent; 3,000 cs, Dakar; 100 cs, Bathurst; 2,000 cs, Conakry; 4,100 cs, Freetown; 400 cs, Port Marshall; 750 cs, Sassandra; 8,000 cs, Port Bouet; 300 cs, Takoradi; 500 cs, Winnebah; 2,500 cs, Accra; 1,000 cs, Lome; 500 cs, Cotonou; 40 cs, Lagos/Apapa; 1,000 cs, Sapele; 1,000 cs, Port Harcourt; 1,400 cs, Victoria; 1,100 cs, Duala; 1,100 cs, Kribi; 1,700 cs, Lobito
OIL, FUEL—2,244 bbls, South America, Amsterdam; (Nueva Granada) 10,881 bbls, Antwerp; 7,418 bbls, Dublin; (Cathlamet) 50 dms, Dakar; 50 dms, Port Bouet; 25 dms, Accra; 50 dms, Lagos/Apapa; 75 dms, Duala
GAS—(Cathlamet) 400 dms, Dakar; 25 dms, Conakry; 975 dms, Freetown; 200 dms, Port Marshall; 100 dms, Port Bouet; 100 dms, Takoradi; 275 dms, Accra; 10 dms, Lome; 25 dms, Cotonou; 200 dms, Lagos/Apapa; 225 dms, Duala; 50 dms, Kribi; 400 dms, Lobito; 10 dms, Luanda; 36,192 bbls, Spidoleine, Antwerp; 4,095 bbls, Nueva Granada, Antwerp; 41,592 bbls, Nord Atlantic, Hamburg
LUBRICATING — (South America) 20,863 bbls, Poudrerie de St Madrid; 36 bbls, 304 dms, Amsterdam; (Spreewald) 657 dms, Kobe; 150 dms, Hongkong; 1,523 dms, 1,570 cs, Manila; 1,170 dms, 250 cs, Cebu; 20,079 bbls, 295 dms, Spidoleine, Antwerp; 148 dms, Nueva Granada, Antwerp; 31,236 bbls, Nord Atlantic, Hamburg
LUBRICATING, PALE — (Cathlamet) 140 dms, 415 cs, 15 crts, Dakar; 10 dms, 30 cs, Bathurst; 15 dms, Conakry; 62 dms, 30 cs, Freetown; 10 dms, 6 cs, Sassandra; 50 dms, 300 cs, Port Bouet; 813 dms, 55 cs, Takoradi; 40 dms, 15 cs, Winnebah; 345 dms, 35 cs, Accra; 80 cs, 40 dms, Cotonou; 415 dms, 30 cs, 10 ctns, Lagos/Apapa; 1 cs, Port Harcourt; 10 dms, Victoria; 10 dms, 355 cs, Duala; 12 cs, Kribi; 115 dms, 115 cs, Lobito
PARAFFIN—25 cs, Nueva Granada, Antwerp
PETROLEUM, CRUDE — 66,290 bbls, Invershannon, Trieste

San Francisco Exports
Clearance Dates

Adrastus, July 20; Clausina, July 26; Edward F Johnson, July 24; Gracia, July 26; Hardanger, July 22; Heiyo, July 24; Josephine Lawrence, July 21; Mair Bakke, July 22; Maui, July 22; Moldanger, July 20; Monterey, July 17; Oakland, July 19; Pacific President, July 19; Parrakoola, July 26; Rosebank, July 22; San Diego, July 21; Silverlaurel, July 18; Steel Mariner, July 22; Tatibana, July 22; Tatuta, July 26; Warwick, July 18

ACETONE—10 dms, Adrastus, Manila
ACID, INORGANIC—1 cs, San Diego, Colombia
ALCOHOL, BUTYL—35 dms, Silverlaurel, Shanghai
AMMONIA—4 cs, Adrastus, Manila
SULPHATE—3,000 sks, Josephine Lawrence, Ocean Falls
ANTIFREEZE COMP—12 dms, Silverlaurel, Shanghai
APRICOT KERNELS—(Moldanger) 15 sks, Belgium; 100 sks, Holland
ASPHALT—24 sks, 238 dms, Monterey, Australia; 880 dms, Silverlaurel, Shanghai
GILSONITE—222 sks, Monterey, Australia
LIQUID—25 bbls, Adrastus, Shanghai
BENZOIN—10 dms, Parrakoola, Australia
BIOLOGICALS—10 cs, Adrastus, Manila
BITUMEN, MINERAL—145 bbls, Steel Mariner, England
BLACK, CARBON—188 cs, Monterey, Australia; 30 sks, 1 cs, Hardanger, Argentina
BLUE, LAUNDRY—5 cs, Adrastus, Manila
BORAX—3 cs, Adrastus, Manila; 1 dm, San Diego, Colombia; 620 sks, Monterey, Australia
BUTYL ACETATE — 35 dms, Silverlaurel, Shanghai
CALCIMINE—1 cs, Heiyo, Bogota
CARBON—102 sks, Pacific President, Manchester; 2 sks, San Diego, France
CASCARA SAGRADA BARK—54 sks, Parrakoola, Australia
CEMENT, LIQ—27 dms, 50 pls, Monterey, New Zealand
RADIATOR—45 cs, Rosebank, Vancouver
CHEMICALS—6 cs, Rosebank, Vancouver; 9 cs, 2 dms, Parrakoola, Australia
CHLORINE, LIQ — 200 cyls, Silverlaurel, Shanghai
BLEACH, LIQ—23 cs, Adrastus, Manila
CLAY—45 sks, Monterey, Australia
CLEANER—255 cs, 1 dm, Rosebank, Vancouver; (Monterey) 2 cs, Australia; 1 cs, Fiji Islands
CLOVES—20 sks, Heiyo, Callao
COLOR, DRY—3 bbls, Monterey, Australia; 1 cs, Heiyo, Pogota
DYE, LIQ—9 cs, Heiyo, Mazatlan
FERRITES—18 bbls, Hardanger, Argentina
FISHMEAL—400 sks, Silverlaurel, Manila
FLYSPRAY—3 bbls, Rosebank, Vancouver
FULLERS EARTH—3,500 sks, Marie Bakke, Talara
GAS—1 cyl, Monterey, Fiji Islands
GASOLINE — 66,806 bbls, Edward F Johnson, Auckland/Wellington/Dunedin; 99,750 bbls, Clausina, Curacao; 34,202 bbls, Edward F Johnson, Auckland/Wellington/Dunedin
GINGER ROOT—14 sks, Parrakoola, New Zealand
GLUCOSE—150 bbls, Monterey, New Zealand
GLUE—25 pls, Rosebank, Vancouver
GRAPHITE—1 kg, Rosebank, Vancouver
GREASE—24 bbls, Rosebank, Vancouver
LUBRICATING — 103 dms, Monterey, Australia; 25 dms, Silverlaurel, Manila; 67 cs, 54 dms, 298 pls, 224 bbls, Rosebank, Vancouver; 112 dms, Parrakoola, Australia
GRINDELIA ROBUSTA — 13 bls, Oakland, Hamburg
GUM, CHICLE—115 bbls, Monterey, Australia
HOPS—100 bls, Monterey, Australia
INK—1 cs, Monterey, Tongan Islands; 37 cs, Rosebank, Vancouver
PRINTING—1 cs, Monterey, Australia; (Rosebank) 5 bbls, 3 dms, Vancouver; 6 dms, Victoria
INSECTICIDE, AGRIC — 3 dms, 2 cs, San Diego, France; 1 dm, Hardanger, Argentina
KEROSENE—4,927 bbls, Edward F Johnson, Auckland/Wellington/Dunedin; 125 dms, Parrakoola, Australia
POWER — 6,039 bbls, Edward F Johnson, Auckland/Wellington/Dunedin
LACQUER—1 dm, Monterey, Australia; 11 cs, Hardanger, Argentina
BASE—3 dms, Parrakoola, Australia
LARD—200 cs, Oakland, Buenaventura; 375 cs, Maui, La Guayra
LINSEED CAKE—6,000 sks, San Diego, France
MEDICINAL PREPS—(Monterey) 6 cs, Australia; 8 cs, New Guinea; 102 cs, Rosebank, Vancouver
METHYL BROMIDE—2 cyls, 4 cs, Monterey, Australia
MILK SUGAR—224 bbls, Moldanger, Belgium
MINERAL SPTS—725 dms, Parrakoola, Australia
MOLYBDENUM CONC — 1,048 dms, Tatuta, Yokohama
NAPHTHA—250 dms, Parrakoola, Australia
NICOTINE SULPHATE—11 cs, Tatuta, Bangkok
NITROCELLULOSE—4 dms, Rosebank, Victoria
NITROUS OXIDE—15 cs, Monterey, New Zealand
OIL—1 dm, Rosebank, Vancouver
COCONUT—12 bbls, Monterey, New Zealand
COCONUT, ACIDUL—5 dms, Heiyo, Buenaventura
DIESEL—7,200 bbls, Adrastus, Shanghai; 25 dms, San Diego, Colombia; (Tatibana) 21,195 bbls, Osaka; 18,369 bbls, Moji; 6 020 bbls, Edward F Johnson, Auckland/Wellington/Dunedin
OIL, FISH-LIVER—16 dms, Gracia, Liverpool
GAS—2,900 bbls, Adrastus, Hongkong
GRAPEFRUIT—2 cs, Monterey, Australia
LEMON—1 cs, Tatuta, Yokohama
LINSEED—1 dm, Monterey, Australia
LUBRICATING—(Monterey, 1,747 dms, Australia; 2 cs, Fiji Islands; 25 dms, Silverlaurel, Philippine Islands; 1,300 bbls, Warwick, Port Moody; (Adrastus, 3,415 bbls, Shanghai; 300 bbls, Hongkong; 50 dms, Josephine Lawrence, Ocean Falls; 100 bbls, San Diego, France; 253 dms, 15 cs, Rosebank, Vancouver; 50 dms, Marie Bakke, Callao; (Heiyo) 120 dms, Talcahuano; 11 dms, Valparaiso; 6 dms, Salaverry; 5 dms, Pisco; 42 dms, Tatuta, Kobe; 1,285 dms, Parrakoola, Australia
ORANGE—2 cs, Tatuta, Yokohama
PALM—5 dms, Heiyo, Buenaventura
SPRAYING—60 cs, Rosebank, Vancouver
OILPROOFING COMP—2 dms, Monterey, New Zealand
PAINT—(Monterey) 3 dms, 17cs, Australia; 1 cs, Tongan Islands; 20 cs, San Diego, Colombia; 1 cs, Maui, Coco Solo; 1 kg, Rosebank, Vancouver
29 cs, Hardanger, Argentina
ENAMEL—1 cs, Silverlaurel, Manila; 1 crt, Rosebank, Shellburn; 26 cs, Hardanger, Argentina; 4 cs, Heiyo, Bogota
PASTE—12 cs, Hardanger, Argentina
PREPARED—9 cs, 2 dms, Parrakoola, Australia; 1 cs, Monterey, New Zealand
PEPPER, BLACK—75 sks, Heiyo, Callao
PETROLATUM—20 dms Monterey, Australia
PETROLEUM—19 dms, Monterey, Australia; 1 dm, Parrakoola, Australia
CRUDE—13,750 bbls, Tatibana, Osaka/Moji
PIMENTO—10 sks, Parrakoola, New Zealand
PINETAR—120 dms, Monterey, Australia
POLISH—105 cs, Rosebank, Vancouver 5 cs, Adrastus, Manila
POTASH XANTHATE—30 dms, Oakland, Callao; 9 dms, Hardanger, Peru
PUMICE—100 sks, Rosebank, Vancouver
ROSIN—1 cs, Tatuta, Tokyo
RUST PREVENTIVE—5 dms, Tatuta, Yokohama
SALT—525 tons, Rosebank, Vancouver; 201 tons, Parrakoola, Australia
SOAP—120 cs, Maui, Balboa; 4 cs, Rosebank, Vancouver
TOILET—1 cs, Monterey, Samoa
SODA—(Rosebank) 71 dms, 10 sks, 15 bbls, Vancouver; 15 dms, Victoria
PEROXIDE—1 cs, Hardanger, Chile
SILICATE—2 dms, Monterey, New Zealand; 1,500 sks, Josephine Lawrence, Ocean Falls
SPRAY—50 cs, Rosebank, Vancouver
SULPHUR—60 dms, 80 sks, Monterey, Australia
FLOWERS—877 sks, Parrakoola, Australia
REFINED—5 sks, Monterey, Australia; 100 sks, Parrakoola, Australia
TOILET PREPS—(Monterey) 7 cs, Fiji Islands; 2 cs, New Zealand; 2 cs, Samoa; 3 cs, Australia; 2 cs, Tongan Islands; 11 cs, Rosebank, Vancouver
TREE WASH—43 cs, 1 dm, Monterey, Australia
VANILLA BEANS—89 cs, Oakland, Hamburg
VARNISH—30 cs, Hardanger, Argentina
WATERPROOFING COMP—2 pls, Monterey, New Zealand
YERBA MATE—25 kgs, Monterey, Australia; 13 cyls, 28 bbls, Parrakoola, Australia
ZINC DUST—100 dms, Monterey, Australia; 50 dms, Heiyo, Mazatlan
HYDROSULPHITE—200 dms, Josephine Lawrence, Ocean Falls

Savannah Exports
Clearance Dates

Agapenor, August 15; Anniston City, August 10; Baja California, August 17; Malayan Prince, August 12; Maravi, August 17; New Westminster City, August 16; Niel Maersk, August 15; San Vincente, August 11

DISINFECTANT—(Agapenor) 3 dms, Singapore; 5 dms, Padang
FIRECLAY—25 dms, Anniston City, Honolulu
OIL, PINE—5 dms, Agapenor, Semarang; (Niel Maersk) 10 dms, Yokohama; 9 dms, Kobe
ROSIN, GUM—50 bbls, 900 bgs, Baja California, Havana; 100 bbls, Malayan Prince, Dairen; (Niel Maersk) 635 bbls, Yokohama; 632 bbls, Osaka; (Agapenor) 100 bbls, Batavia; 10 bbls, Benkoelen; 25 bbls, Semarang; 150 bbls, Sourabaya; 10 bbls, Amboin
TURPENTINE—5 dms, San Vincente, Guayaquil
GUM—(San Vincente) 250 cs, Talcahuano; 37 cs, Concepcion; 80 dms, 600 cs, Valparaiso; 100 cs, 10 dms, Santiago; 25 dms, Callao; 1 dm, Agapenor, Singapore
WOOD—10 dms, San Vincente, Callao; (Agapenor) 4 dms, Port Swettenham; 5 dms, Singapore

Tampa Exports
Clearance Dates

City of Omaha, August 11; General Tosta, August 9; Ida Z O, August 11; Laura C, August 10; Scottsburg, August 13; W M Delphia, August 9

CARBON BISULPHIDE — 3 dms, General Tosta, Belize
GASOLINE—10 dms, W M Delphia, Belize; 2 dms, General Tosta, Belize
PHOSPHATE ROCK—2,000 tons, Laura C, Venice; 4,003 tons, Ida Z O, Genoa; 2,003 tons, City of Omaha, Glasgow; 6,999 tons, Scottsburg, Genoa

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—6,384 bbls, San Diegan, San Diego; 45,893 bbls, L P St Clair, Oleum; 80,246 bbls, Huguenot, Seattle; 71,690 bbls, Dirigo, San Francisco; 25,414 bbls, Warwick, Oleum; 77,585 bbls, Tejon, San Francisco; 51,661 bbls, J J Coney, Richmond; 7,033 bbls, San Diegan, San Diego; 67,000 bbls, Cemden, Portland; 7,134 bbls, Lebec, Seattle
KEROSENE—1,911 bbls, L P St Clair, Oleum; 2,303 bbls, Dirigo, San Francisco
OIL, DIESEL—12,366 bbls, Cimarron, San Diego; 8,000 bbls, Cemden, Portland; 10,699 bbls, L P St Clair, Oleum
FUEL—47,168 bbls, Torres, Portland; 66,402 bbls, Solana, Avon; 2,396 bbls, Coast Banker, Portland; 34,513 bbls, L P St Clair, Oleum; 3,384 bbls, Tejon, San Francisco; 92,031 bbls, Cimarron, San Diego; 65,642 bbls, F G Drum, Avon; 12,123 bbls, El Cedro, Seattle; 60,857 bbls, Lebec, Seattle; 78,715 bbls, Java Arrow, New York; 68,500 bbls, Swiftarrow, New York

Recent Charters

PETROLEUM — 4,872 tons, S S Ole Jacob, clean, Gulf to Continent, 10s 3d; September
3,925 tons, S S L L Abshire, fuel oil, Gulf to North of Hatteras, 16c a barrel; August
6,129 tons, S S Ariston, Bahrien-Teneriffe trade, one year and four months, 5s 6d
—— tons, Tanker (Tidewater), crude light, Gulf to North of Hatteras, 15c a barrel; August
5,986 tons, S S Ferncastle, dirty, Aruba to Buenos Aires and (or) Campana, 9s 6d for one port discharge, 9s 9d for two ports discharge; August
4,959 tons, S S Gard, dirty, Aruba to Buenos Aires and (or) Campana, 9s 6d for one port discharge, 9s 9d for two ports discharge; August
12,000 tons, Tanker (Inver), clean, Gulf to North of Spain, 9s 6d; full cargo, 9s 3d; October
8,100 tons, S S Fern, part cargo, dirty, Gulf to Sete, France, 13s; September
5,496 tons, S S Inverlee, gas and fuel oil, Gulf to Spain, 9s 3d; October

Trend of Progress in Cosmetics

Discussion at the 1939 annual meeting of the Society of Chemical Industry of the paper by H. Stanley Redgrove published in the Reporter for July 10 and 17, reported in the society's publication, *Chemistry and Industry*

(*Continued from August 21 issue*)

Scents and Insects

H. V. Potter asked if any work had been done on scents or perfumes which would not attract insects. His own experience was that, although he used very little hairdressing, the moment he took his hat off he was immediately surrounded by a mass of flies, which was rather a serious matter.

J. C. M. Salter referring to the use of grime creams which were used by the workpeople in many industries, said they seemed almost invariably to have a low fat content. Was there any evidence of a deleterious effect on the skin of the continual use of these grime creams in large quantities?

A speaker commenting on Dr. Cullen's reference to the cosmetic-mindedness of some of the women in tropical countries, said that in West Africa most of the men covered themselves with a very highly smelling pomade which, incidentally, had the refreshing effect on the atmosphere which had been mentioned! At the same time, these natives got a tremendous psychological kick out of covering themselves with these pomades which were sold at very cheap prices in the native markets. He suspected that many of them came from Japan and doubted whether manufacturers in this country realized the colossal export market there must be for these pomades among the natives.

Fading by Titanium Dioxide

Dr. H. A. Thomas remarking that titanium dioxide was used for delustering both viscose and acetate rayon, said there was one effect which it had on some dyestuffs which might have a bearing on using titanium dioxide in colored face powders, that is, it accelerated that fading of quite a number of dyestuffs which were applied to rayon. Consequently, careful selection had to be made and, in fact, certain treatments had been applied to titanium dioxide to inhibit this photo-catalytic effect which it had on some dyestuffs under certain conditions. Therefore, when storing some colored face powders containing titanium dioxide they should be stored in dark glass vessels or preferably kept away from the light altogether.

Mr. Redgrove, replying to the discussion, said that so far as the pH of the blood, in connection with the use of cosmetics, was concerned, he had not investigated that. It was not his job to do so but the job of the doctor, and when the doctor had found out what was wanted it was the business of the manufacturer to provide an acceptable form of cosmetic. Personally, however, he did not see how any cosmetic would affect the pH of the blood. As to giving women advice in the application of cosmetics, he had done that in a popular book he wrote some years ago.

Rideal-Walker Values

Commenting on what Dr. Scott had said with regard to the Rideal-Walker coefficient, he said that phenol was very poor compared with quite a number of essential oils as an antiseptic for personal use. As a matter of fact, one could hardly think of anything worse than phenol because not only would it burn the skin if sufficient of it were used, but the smell was indescribable. It had one of the most awful stenches that any chemist knew, and he personally preferred the ladies that he knew to smell of jasmine, roses, and other perfumes obtained from essential oils.

The question of shampoos was often discussed, but it was necessary to avoid a solvent of an extremely powerful character. Some of the shampoos now used not only removed grease but also skin. That was one reason why people felt fresh after washing with strong soap; they had pulled off the outer skin. There was no doubt that alkali was bad for the normal skin, and therefore shampoos should have a pH value below 7.

He was not sure that he agreed with the new law in Canada compelling manufacturers to state in detail on the bottle what was inside. That was going a little too far because very few of the general public knew what it all meant. It simply resulted in giving information to trade rivals so that they could copy. He was not asking for that, but that the manufacturer of the raw product which was sold to the cosmetic manufacturer let the latter know what he was using. So far as the use of cosmetics by men and women was concerned, the report of the import duties act inquiry showed that in 1933 of the material which came under cosmetics—not including soap—dentifrices headed the list, then came bath salts and liquid hair preparations, including brilliantine and hair creams, then talcum powders, and then shaving soaps and creams, and these were all cosmetics used by men.

With regard to titanium dioxide, the quantities required ranged from 2 percent to 10 percent in a theatrical powder, and he did not think the industry need fear that supplies would give out because the demand was really very small. It had to be of a high-grade quality and that was being manufactured here and in America.

Shaving creams and soaps had not been mentioned in the paper because something had to be left out. The advantage of shaving cream, and especially the brushless shaving cream, was that it was identical with vanishing cream except that it had been bulked up. Therefore, if any of them ran short of shaving cream they should "pinch" their wife's vanishing cream. The advantage of shaving cream was that one could shave more quickly, whilst the advantage to the manufacturer was that the cream was used more quickly, and therefore more money was spent. Personally he preferred soap because he found a stick of shaving soap lasted him a year or two. Even quicker was the dry shaver which was taking America by storm, but already one manufacturer had introduced a lotion for preliminary application!

Untoward Effects

No mention had been made of coconut oil in the paper because it was not very important. It was an old material and, of course, was important as a raw material for the synthetic production of various products but not for its use in cosmetics. So far as absorption by the skin was concerned, all the evidence which existed suggested that coconut oil irritated some skins owing to the presence of certain esters. The analysis of white henna which had been mentioned was typical, but he did not agree that the para-dyes were universally toxic; they were only toxic to certain individuals, but the whole subject was very complicated. With regard to making up the eyes, he had not dealt with that because of lack of space. He was not at all convinced there was such a thing as a skin food, but there seemed little doubt that good results followed the application of face creams. Actresses plastered their faces with grease paint and they had very good complexions. The essential oils which were regarded as good were citronella and lavender.

The fact that grime creams with alkali were bad for the skin could be tested by anyone after a month's washing-up with washing soda without protecting the hands. Pure grime creams of a nonalkaline character, however, had recently been described by Dr. Mumford—to which reference was made in the paper—who used as his emulsifying agent one of the new phosphate derivatives which was stable in acid. Finally, Mr. Redgrove expressed the view that the fading of dyestuff due to the action of titanium oxide was not serious. In his own experience he had not found any such fading, but that might be just luck.

The chairman, proposing a vote of thanks to Mr. Redgrove, said that for whatever purpose cosmetics were used, whether for camouflage or fascination purposes, chemists were concerned with the fact that they were used and wanted. Therefore it was their business to increase their use as much as possible without detriment to anybody's interests. There might be a case for the study of dermatology and the extent to which there was percutaneous absorption of these things and detrimental effects in the case of some substances. On that aspect it was safe to say there was far too little knowledge on the part of the medical profession and experimentalist and there was a vast field for more research work. It had been shown recently that substances which might never have been suspected of it were absorbed into the blood stream and personally he hoped that research into these matters would remain with the medical profession.

The vote of thanks was heartily accorded.

Drugs, Fine Chemicals

—*Continued from page 44*

quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	27⅛	35⅝	17⅛
Monday	27⅞	36½	17⅞
Tuesday	28⅝	37¾	18⅛
Wednesday	28¼	37¼	18⅛
Thursday	29⅛	39⅝	19⅛
Friday	29⅝	39¾	20⅛

Vitamin Status Studied Under Federal Laws

—*Continued from page 5*

Council on Foods, secretary; Dr. L. A. Maynard, in charge of nutrition investigation at Cornell University; and Dr. H. C. Sherman, of the department of chemistry, Columbia University.

Officials feel, that although the law does not define "foods for special dietary use," the term clearly indicates the intention of Congress to include foods fortified with vitamins or minerals. This would mean that general regulations governing the use of vitamins or minerals and the labeling of such foods should include general definitions of vitamin ingredients and the limitation of label claims for such fortified foods.

Officials have fairly well crystalized their opinions on a number of points affecting use of vitamins. Such points include (1) opposition to use of vitamin claims for cosmetic products—although it is admitted there is some absorption of vitamins through the skin—(2) strict adherence to allowable claims permitted in the latest edition of New and Nonofficial Remedies.

Enforcement of the regulations would have two aspects. One of these would be directed to the accuracy of potency claims on labels. This would compel careful investigation of a large number of vitamin products on the market to determine whether the product contains the amount of vitamins claimed. It also would require that the administration conduct careful examination of label claims in relation to vitamin content to discover whether they are false or misleading as to any material fact, or fail to disclose any material facts.

The survey also would seek to develop all needed facts concerning a large number of high-priced "health foods" for which a wide variety of claims are made. It is felt that a number of such foods are "on the fringe" even though the great bulk of them are perfectly legitimate.

The greatest difficulty, it is admitted, lies in the direction of advertising claims for vitamin products. F.D.A. officials say that the Federal Trade Commission, which will deal with that phase of the knotty problem, and the Food and Drug Administration are "seeing eye to eye" on this vitamin problem.

U.S.P. Supplement Adds 14 Substances

—*Continued from page 3*

Oil," and "Surgical Gut," which will not become official until July 1, 1940, six months' additional time being allowed for adjustment of labels and existing stocks of the substances.

The new supplement requires that the regular bottles of solution of magnesium citrate shall contain "not less than 340 cc. and not more than 360 cc.", and the new standards for U.S.P. absorbent cotton require that it shall have at least a specified minimum fiber length and be sterile.

To insure prompt delivery of the supplements, orders should be sent, accompanied by a check or money-order, to the general agent, the Mack Printing Company, Easton, Pa. The price of the First U.S.P. XI Supplement is $1, prepaid; that of the Second U.S.P. XI Supplement, which is considerably larger, back binder. For all supplements costs $1.50.

Paint Materials

—*Continued from page 38*

Lacquer Materials

Firmness in acetone stood out as the feature in the market for lacquer materials and solvents last week. For several weeks the market has been in a firm position, with domestic and export business absorbing most of the available material. As a result one producer advanced spot quotations for tanks and drums. Business as a whole was fairly steady, despite the fact volume was not expanding appreciably at this time. However, the outlook remained cheerful over the next few months, and most factors anticipated a broader buying policy when automotive production reaches normal proportions.

Acetone.—Spot quotations were fractionally advanced by one producer to the basis of 5c. per pound in tanks, while drums in car lots were 6c. per pound and less car lots 6½c. per pound. Contract quotations were generally unchanged. The market has been in a firm position for several weeks, reflecting good domestic and export shipments.

Butyl, Alcohol.—Schedules for the normal and secondary material were fully maintained, and a steady to firm tone governed the dealings. Demand was along moderate lines during the past week.

Cellulose Acetate. — Shipments were moving to various consuming channels in satisfactory manner last week. Sellers were adhering to quotations in force previously.

Diamyl Phthlate. — The tone of the market remained firm. Spot and contract withdrawals were fairly steady throughout the period just ended.

Ethyl Acetate. — The market lacked any new developments of importance. Usual consumers entered the market for necessary replacements as a rule. No change was disclosed in the prices.

Tricresyl Phosphate.—Buying interest was about fair last week. Quotations were in conformity with those prevailing for some time.

Glues and Binders

Casein.—Major suppliers again reported a good week as far as sales were concerned and the domestic material was advanced ¼c. per pound, while the Argentine product was increased ½c. per pound. The domestic 20-30 mesh material was quoted at 12½c. to 12¾c. per pound in car lots; 13¾c. to 14¼c. per pound for five tons or more; and 15½c. to 15¾c. per pound for smaller lots. Domestic 80-100 material was offered at 12¾c. to 13¼c. per pound for car lots; 14¼c. to 14¾c. per pound for five tons or more; and 15½c. to 15¾c. for smaller lots. Argentine material was offered at 12c. to 12¼c. per pound for 20-30 mesh and 12½c. to 12¾c. per pound for 80-100 mesh, both delivered in car lots. The French product was nominal.

Glues.—The market for all types of glues was unchanged last week with prices firm.

J. A. Hall Named Director Of Central Forest Station

OPD Washington Bureau
August 24, 1939

J. Alfred Hall has been named director of the Central States Forest Experiment Station, Columbus, Ohio. Dr. Hall, associate director of the California Forest & Range Experiment Station, succeeds Willis A. Baker, who some months ago resigned to become chief forester for the Tennessee Valley Authority. A native of Indiana, Dr. Hall received his bachelor's and master's degrees from the University of Wisconsin in 1922, and his Ph.D. from the same institution in 1924.

Japan Promoting Carbon Black

The Japanese government is urging that the domestic carbon black industry expand its production in order to curtail the imports of the foreign product, and leading manufacturers of carbon black have announced their intention of increasing their output whenever the government should decide to restrict the imports of the commodity, according to the American commercial attache in Tokyo. Carbon black imports into Japan for the first months of 1939 recovered to 36,113,000 ken from 27,282,000 ken in the same period of 1938 which represented a severe decline from 54,781,000 in 1937.

Ferro Enamel Corporation plans the production of color oxide about September 1 at its new plant in Cleveland.

Business Wants and Offers

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Payable in advance at 59 John Street, New York

Agencies Wanted

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SOUTHERN CALIFORNIA distributor of heavy and fine chemicals, essential oils, etc., with live organization and wide acquaintance, desires to secure representation of kindred lines. Industrial Chemical Supply Co., 2309 East Eighth street, Los Angeles, California.

REPRESENTATIVE of well-known essential oil house desires additional noncompetitive lines for Pacific territory. Office and storage facilities available. BOX 505, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE.—Two rubber lined wood tanks in good condition, capacities 4,050 and 3,200 gallons. For further specifications write The Globe Chemical Company, Cincinnati, Ohio.

Equipment Offered

FIND what you want right in New York City. Pony mixers, post mixer, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

FILTERS. — Packaging and processing equipment, pumps, air compressors. Reconditioned and new units. Complete stocks of filtering media and bottling room supplies. Perry Equipment and Supply Co., 142 North 10th street, Philadelphia, Pa.

Factories Offered

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Positions Wanted

CHEMICAL HOUSE requiring in New York area a man capable of handling books, sales correspondence and office detail can contact an experienced, energetic man by writing BOX 499, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, 28, experienced in the production and analytical control of pharmaceutical preparations. Registered pharmacist, N. Y. References will be furnished. BOX 501, Oil, Paint and Drug Reporter.

LACQUER CHEMIST: Experienced all around industrial and specialty formulation, production and management. Now employed. Age 32. Seeks connection with progressive organization manufacturing lacquers or lacquer materials, offering a real opportunity for growth. Locate any place. BOX 502, Oil, Paint and Drug Reporter.

CHEMIST, extensive experience with ethyl cellulose plastics and coatings, thermoplastic resins, molding compounds, rubber latex, pyroxylin, etc. Wishes position in technical sales work. BOX 503, Oil, Paint and Drug Reporter.

SUPERINTENDENT or production foreman desires connection with paint manufacturer. Thorough knowledge in the formulation and manufacturing of industrial and synthetic varnishes, lacquers, all paints and enamels, and special finishes. References. BOX 504, Oil, Paint and Drug Reporter.

Positions Wanted

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SHOPS—335 Doremus Ave., Newark, N.J.

Essential Oils

Aromatic Chemicals

—Continued from page 48

article in firm position so far as prices were concerned. Also, demand was more than reasonably satisfactory and indicated a very steady consuming requirement.

Geranyl Formate. — Inquiries were slightly increased and the market responded by a gain in firmness of market undertones and a failure of prices to display any tendency toward buyers' advantage.

Methyl Heptine Carbonate.—Full stability of price prevailed, but there was very little call for the article last week, some sources of supply reporting total absence of request.

Musk.—Artificial material produced in this country might secure substantial advantage in the event of a general European war. Exports from European production points would become very difficult and the home product could possibly regain some of the ground lost by trade treaties signed in the not far distant past.

Phenyl Acetic Acid. — Reasonable good demand prevailed, but most orders involved orders rather smaller than usual. Quotations continued to be generally steady in the absence of much local competition.

Northam Warren to Move Plant

The Northam Warren Corporation, cosmetic manufacture, plans the removal of its plant from this city to Stamford, Conn., where the company will occupy a modern building containing 170,000 square feet of floor space on a plot of 8.96 acre at Barry place between Melrose and Fairfield avenues.

Mason Paint Company, Louisville, has increased its capital stock from $5,000 to $10,000.

Virgin Islands Flavors Must Pay U.S. Tax

OPD Washington Bureau
August 24, 1939

Alcoholic flavoring extracts produced in the Virgin Islands must pay the United States internal revenue tax of $2.25 per proof gallon on the alcohol content when imported into this country. Advice to this effect was sent today to the collector of customs at New York by W. R. Johnson, acting Commissioner of Customs.

It has been the official procedure to admit these flavorings free of internal revenue tax as products of the Virgin Islands, under article 272 of the customs regulations of 1937. The discrimination set up by this practice against domestic manufacturers was brought to the attention of the Bureau of Internal Revenue in protests filed by James P. McGovern as general counsel of the Industrial Alcohol Institute. Mr. McGovern, informed today of the success of his protests, suggests that domestic manufacturers of flavoring extracts cooperate in efforts to have the internal revenue tax imposed on imports of Virgin Islands products previously received.

In advising the New York collector with respect to the taxable status of flavorings from the Virgin Islands, Mr. Johnson said:—

The bureau has been advised by the Commissioner of Internal Revenue that such articles coming into the United States from the Virgin Islands, containing ethyl alcohol, are subject to tax at the rate of $2.25 per proof gallon on the alcohol contained therein. Where such articles are fit for use as beverages for intoxicating beverage purposes, there must be paid, in addition to the commodity tax of $2.25, a rectification tax of 30 cents per proof gallon on the product.

Under I.R.C., section 3350 (a), articles coming from the Virgin Islands into the United States are subject to a tax equal to the internal revenue tax imposed in the United States upon like articles of domestic manufacture.

I.R.C., section 2500 (a) (1), provides for a tax of $2.25 per proof gallon, or wine gallon when below proof, on distilled spirits. Since the domestic product of nonbeverage flavoring extracts containing alcohol is required to use alcohol on which the internal revenue tax provided for in I.R.C., section 2800 (a) (1) has been paid, a similar product produced in the Virgin Islands and shipped to the United States is subject to the same tax on the alcohol contained therein by virtue of I.R.C., section 3350 (a).

Cosmetic Names, Claims Listed as Misleading

—Continued from page 3

also warned that labeling of a product by the name of one ingredient, to the exclusion of all others, might result in misbranding.

The following are cited as typical examples of names and claims which are regarded as false and misleading:—

Circulating cream.
Contour cream.
Cosmetics represented as valuable because of their vitamin content.
Crow's-feet cream.
Deep pore cleanser.
Depilatories for permanent removal of hair and products represented as depilatories but which merely bleach the hair.
Enlarged pores preparations.
Eyelash grower.
Eye wrinkle cream.
Hair color restorer.
Muscle oil.
Nail grower.
Nourishing cream
Pore paste.
Rejuvenating cream.
Scalp food.
Skin conditioner.
Skin firmer.
Skin food.
Skin texture preparations.
Skin tonic.
Stimulating cream.
Tissue cream.
Wrinkle eradicator.

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British Carbide Plant Financing by Gov't Asked

OPD Washington Bureau
August 24, 1939

The British Carbide Corporation plans the manufacture of calcium carbide in England. Erection of a plant is contingent upon raising capital through the cooperation of the government. The promoters of the project, according to advices received at the Department of Commerce from the American commercial attache in London, were negotiating with the government for a guarantee of interest on a debenture issue promises of protection through an important quota or a tariff. The arguments put forth for the plan were that some 60,000 tons of carbide is being imported annually.

Scholler Brothers, industrial oils and soaps, Philadelphia, Pa., plans the construction of a laboratory.

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